

**FINAL REPORT
SRB ASCENT AERODYNAMIC
HEATING DESIGN CRITERIA
REDUCTION STUDY
VOLUME II**

January 18, 1989

Prepared by:

W.K. Crain

C.L. Frost

C.D. Engel

REMTECH, Inc.

Contract:

NAS8-35322

For:

**George C. Marshall Space Flight Center
Marshall Space Flight Center, Alabama 35812**

(NASA-CR-183569) SRB ASCENT AERODYNAMIC
HEATING DESIGN CRITERIA REDUCTION STUDY,
VOLUME 2 Final Report (Remtech) 343 p

CSCL 218

N89-24430

Unclass

G3/29 0192830

FOREWORD

This final report documents the SRB thermal environment generation work performed under the TPS Reduction Study (NAS8-35322). The work was performed for the Thermal Environments Branch (ED-33) of the George C. Marshall Space Flight Center (MSFC).

During the course of the work significant results and progress were documented under monthly progress reports (RPR 090-01 through -65) submitted each month. The purpose of this report is to summarize the thermal environment generation methodology, time wise environments, wind tunnel/flight test data base used in the study and to present a comparison with the Rockwell IVBC-3 and 1980 Ascent Design environments. The report is presented in two Volumes; Volume I contains the methodology and environment summaries. Volume II contains the tabulated data base, timewise tabulated environments and timewise plotted environments comparing the REMTECH results to the Rockwell RI-IVBC-3 results.

Contents

VOLUME I

FOREWORD.....	i
NOMENCLATURE.....	vii
1 INTRODUCTION	1
2 VEHICLE DESCRIPTION AND BODY POINT DEFINITION	2
2.1 SRB DESCRIPTION	2
2.2 BODY POINT DEFINITION	2
3 METHODOLOGY	4
4 TRAJECTORY	6
5 WIND TUNNEL DATA BASE	8
6 FLIGHT DATA	10
6.1 THERMAL MISMATCH CORRECTIONS	10
6.2 ATTACH RING/ AFT MOTOR CASE AND/ AFT SKIRT DATA	12
6.3 FLIGHT DATA APPLICATION	13
7 ASCENT ENVIRONMENTS	15
7.1 GENERAL COMMENTS	15
7.2 ENVIRONMENT SUMMARIES	15
7.3 TIMEWISE ENVIRONMENTS	17

8	CONCLUSIONS AND COMMENTS	18
9	REFERENCES	20

ORIGINAL PAGE
BLACK AND WHITE PHOTOGRAPH

Contents

VOLUME II

TABLES.....	1
1 Wind Tunnel Interference Heating Factor Data Base.....	2
2 Timewise Tabulated Ascent Design Environments.....	43
PLOTTED DATA	195
1 Timewise Comparison of REMTECH/Rockwell RI-IVBC-3 Ascent Design Heating Rates	196

TABLE 1
WIND TUNNEL INTERFERENCE HEATING
FACTOR DATA BASE

ORIGINAL PAGE IS
OF POOR QUALITY

REMTECH

ZONE 2 - FRUSTUM

BODY PT NO 1040 XB = 213.9 THB = 90.0				BODY PT NO 1041 XB = 286.5 THB = 90.0			
		MULT3 = 1.10	MULT4 = 1.65			MULT3 = 1.10	MULT4 = 1.65
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	1.55	2.37	-5.0	-9.0	1.24	1.97
-5.0	-5.0	1.35	1.95	-5.0	-5.0	1.05	1.50
-5.0	-3.0	1.25	1.75	-5.0	-3.0	0.97	1.30
-5.0	0.0	1.10	1.45	-5.0	0.0	0.85	0.95
-5.0	3.0	0.97	1.24	-5.0	3.0	0.72	0.75
-5.0	5.0	0.90	1.10	-5.0	5.0	0.63	0.63
-5.0	9.0	0.74	0.84	-5.0	9.0	0.45	0.35
0.0	-9.0	1.92	2.13	0.0	-9.0	1.43	1.75
0.0	-5.0	1.55	1.75	0.0	-5.0	1.15	1.37
0.0	-3.0	1.37	1.57	0.0	-3.0	1.05	1.20
0.0	0.0	1.10	1.30	0.0	0.0	0.85	0.90
0.0	3.0	0.90	1.10	0.0	3.0	0.72	0.75
0.0	5.0	0.80	0.85	0.0	5.0	0.63	0.70
0.0	9.0	0.55	0.50	0.0	9.0	0.45	0.50
5.0	-9.0	1.55	2.02	5.0	-9.0	1.37	1.55
5.0	-5.0	1.35	1.70	5.0	-5.0	1.10	1.25
5.0	-3.0	1.25	1.54	5.0	-3.0	1.00	1.10
5.0	0.0	1.10	1.30	5.0	0.0	0.83	0.85
5.0	3.0	0.95	1.09	5.0	3.0	0.67	0.68
5.0	5.0	0.85	0.95	5.0	5.0	0.57	0.57
5.0	9.0	0.62	0.67	5.0	9.0	0.35	0.37

BODY PT NO 1298 XB = 213.9 THB = 180.0				BODY PT NO 1300 XB = 243.3 THB = 180.0			
		MULT3 = 1.00	MULT4 = 1.65			MULT3 = 1.00	MULT4 = 1.65
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	1.25	1.75	-5.0	-9.0	1.20	1.50
-5.0	-5.0	1.20	1.55	-5.0	-5.0	1.10	1.37
-5.0	-3.0	1.12	1.60	-5.0	-3.0	1.06	1.33
-5.0	0.0	1.07	1.40	-5.0	0.0	0.96	1.20
-5.0	3.0	1.07	1.42	-5.0	3.0	0.84	1.05
-5.0	5.0	1.07	1.30	-5.0	5.0	0.76	0.95
-5.0	9.0	1.07	1.15	-5.0	9.0	0.60	0.75
0.0	-9.0	1.30	1.62	0.0	-9.0	1.20	1.50
0.0	-5.0	1.15	1.50	0.0	-5.0	1.10	1.37
0.0	-3.0	1.07	1.55	0.0	-3.0	1.06	1.33
0.0	0.0	1.00	1.20	0.0	0.0	0.96	1.20
0.0	3.0	0.93	1.25	0.0	3.0	0.84	1.05
0.0	5.0	0.90	1.10	0.0	5.0	0.76	0.95
0.0	9.0	0.83	1.00	0.0	9.0	0.60	0.75
5.0	-9.0	1.17	1.40	5.0	-9.0	1.20	1.50
5.0	-5.0	1.05	1.30	5.0	-5.0	1.08	1.35
5.0	-3.0	1.00	1.30	5.0	-3.0	1.00	1.25
5.0	0.0	0.90	1.13	5.0	0.0	0.92	1.15
5.0	3.0	0.85	1.15	5.0	3.0	0.86	1.07
5.0	5.0	0.84	1.00	5.0	5.0	0.78	0.97
5.0	9.0	0.75	0.90	5.0	9.0	0.68	0.85

REMTECH

ZONE 2 - FRUSTUM

BODY PT NO 1303 XB = 373.1 THB = 180.0				BODY PT NO 1304 XB = 213.9 THB = 270.0			
		MULT3 = 1.00	MULT4 = 1.65			MULT3 = 1.00	MULT4 = 1.65
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	0.80	0.97	-5.0	-9.0	0.56	0.62
-5.0	-5.0	0.75	0.85	-5.0	-5.0	0.60	0.65
-5.0	-3.0	0.70	0.95	-5.0	-3.0	0.62	0.68
-5.0	0.0	0.65	0.75	-5.0	0.0	0.65	0.70
-5.0	3.0	0.78	0.78	-5.0	3.0	0.66	0.82
-5.0	5.0	0.82	0.70	-5.0	5.0	0.68	0.90
-5.0	9.0	1.03	0.60	-5.0	9.0	0.70	1.05
0.0	-9.0	0.87	1.00	0.0	-9.0	0.70	0.62
0.0	-5.0	0.80	0.95	0.0	-5.0	0.65	0.65
0.0	-3.0	0.75	0.90	0.0	-3.0	0.85	0.68
0.0	0.0	0.75	0.80	0.0	0.0	0.65	0.70
0.0	3.0	0.65	0.75	0.0	3.0	0.66	0.75
0.0	5.0	0.62	0.65	0.0	5.0	0.68	0.77
0.0	9.0	0.50	0.60	0.0	9.0	0.70	0.90
5.0	-9.0	0.95	0.97	5.0	-9.0	0.70	0.65
5.0	-5.0	0.87	0.94	5.0	-5.0	0.65	0.67
5.0	-3.0	0.80	0.72	5.0	-3.0	0.85	0.69
5.0	0.0	0.77	0.85	5.0	0.0	0.65	0.70
5.0	3.0	0.70	0.75	5.0	3.0	0.66	0.73
5.0	5.0	0.68	0.70	5.0	5.0	0.68	0.75
5.0	9.0	0.60	0.65	5.0	9.0	0.70	0.90

BODY PT NO 1307 XB = 329.8 THB = 270.0				BODY PT NO 1311 XB = 243.3 THB = 0.0			
		MULT3 = 1.00	MULT4 = 1.65			MULT3 = 1.00	MULT4 = 1.65
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	0.65	0.60	-5.0	-9.0	1.13	1.05
-5.0	-5.0	0.62	0.60	-5.0	-5.0	1.10	1.25
-5.0	-3.0	0.61	0.61	-5.0	-3.0	1.10	1.15
-5.0	0.0	0.60	0.62	-5.0	0.0	1.05	1.15
-5.0	3.0	0.63	0.46	-5.0	3.0	0.97	0.95
-5.0	5.0	0.65	0.35	-5.0	5.0	0.95	1.00
-5.0	9.0	0.70	0.27	-5.0	9.0	0.81	0.85
0.0	-9.0	0.65	0.40	0.0	-9.0	1.33	1.60
0.0	-5.0	0.62	0.48	0.0	-5.0	1.15	1.60
0.0	-3.0	0.61	0.52	0.0	-3.0	1.05	1.15
0.0	0.0	0.60	0.60	0.0	0.0	0.95	1.05
0.0	3.0	0.61	0.46	0.0	3.0	0.87	0.90
0.0	5.0	0.62	0.48	0.0	5.0	0.85	0.75
0.0	9.0	0.60	0.48	0.0	9.0	0.75	0.65
5.0	-9.0	0.65	0.57	5.0	-9.0	1.13	1.10
5.0	-5.0	0.62	0.57	5.0	-5.0	1.00	1.25
5.0	-3.0	0.61	0.59	5.0	-3.0	0.97	1.15
5.0	0.0	0.60	0.60	5.0	0.0	0.90	0.90
5.0	3.0	0.55	0.52	5.0	3.0	0.80	0.85
5.0	5.0	0.52	0.50	5.0	5.0	0.70	0.75
5.0	9.0	0.48	0.45	5.0	9.0	0.57	0.65

REMTECH

ZONE 2 - FRUSTUM

BODY PT NO 1313 XB = 329.8 THB = 5.0				BODY PT NO 1326 XB = 243.3 THB = 90.0			
		MULT3 = 1.20	MULT4 = 2.50			MULT3 = 1.00	MULT4 = 1.65
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	0.93	0.45	-5.0	-9.0	1.85	2.65
-5.0	-5.0	0.90	0.47	-5.0	-5.0	1.60	1.95
-5.0	-3.0	0.84	0.35	-5.0	-3.0	1.44	1.50
-5.0	0.0	0.76	0.18	-5.0	0.0	1.25	1.40
-5.0	3.0	0.70	0.35	-5.0	3.0	1.05	1.00
-5.0	5.0	0.65	0.40	-5.0	5.0	0.95	0.95
-5.0	9.0	0.55	0.70	-5.0	9.0	0.67	0.65
0.0	-9.0	0.90	0.80	0.0	-9.0	1.85	2.50
0.0	-5.0	0.85	0.65	0.0	-5.0	1.58	2.10
0.0	-3.0	0.75	0.65	0.0	-3.0	1.37	1.60
0.0	0.0	0.70	0.65	0.0	0.0	1.15	1.35
0.0	3.0	0.63	0.94	0.0	3.0	0.95	1.02
0.0	5.0	0.55	1.10	0.0	5.0	0.85	0.85
0.0	9.0	0.43	1.30	0.0	9.0	0.60	0.70
5.0	-9.0	0.86	0.80	5.0	-9.0	2.04	2.75
5.0	-5.0	0.76	0.32	5.0	-5.0	1.68	2.10
5.0	-3.0	0.71	0.65	5.0	-3.0	1.44	1.70
5.0	0.0	0.65	1.10	5.0	0.0	1.20	1.35
5.0	3.0	0.55	1.05	5.0	3.0	1.00	1.10
5.0	5.0	0.50	1.00	5.0	5.0	0.90	0.90
5.0	9.0	0.35	0.75	5.0	9.0	0.65	0.70

BODY PT NO 1449 XB = 276.1 THB = 20.0				BODY PT NO 1451 XB = 292.1 THB = 20.0			
		MULT3 = 1.00	MULT4 = 1.20			MULT3 = 1.00	MULT4 = 1.65
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	1.67	1.45	-5.0	-9.0	1.86	1.97
-5.0	-5.0	1.87	1.71	-5.0	-5.0	2.27	2.21
-5.0	-3.0	1.90	1.77	-5.0	-3.0	2.37	2.31
-5.0	0.0	1.69	1.78	-5.0	0.0	2.11	2.22
-5.0	3.0	1.63	1.76	-5.0	3.0	2.13	2.15
-5.0	5.0	1.60	1.74	-5.0	5.0	2.05	2.18
-5.0	9.0	1.16	1.64	-5.0	9.0	2.09	2.16
0.0	-9.0	1.00	0.97	0.0	-9.0	1.02	1.17
0.0	-5.0	1.40	1.16	0.0	-5.0	1.46	1.34
0.0	-3.0	1.47	1.29	0.0	-3.0	1.53	1.66
0.0	0.0	1.60	1.35	0.0	0.0	1.90	1.90
0.0	3.0	1.58	1.38	0.0	3.0	1.62	1.64
0.0	5.0	1.45	1.32	0.0	5.0	1.66	1.56
0.0	9.0	1.56	1.40	0.0	9.0	1.72	1.61
5.0	-9.0	0.67	0.68	5.0	-9.0	1.02	0.90
5.0	-5.0	0.97	0.77	5.0	-5.0	1.22	1.21
5.0	-3.0	1.10	0.84	5.0	-3.0	1.29	1.24
5.0	0.0	1.20	1.00	5.0	0.0	1.36	1.31
5.0	3.0	1.21	1.00	5.0	3.0	1.25	1.32
5.0	5.0	1.11	1.00	5.0	5.0	1.15	1.24
5.0	9.0	1.12	1.13	5.0	9.0	1.13	1.22

REMTECH

ZONE 2 - FRUSTUM

BODY PT NO 1455 XB = 292.1 THB = 32.0				BODY PT NO 3226 XB = 388.0 THB = 90.0			
		MULT3 = 1.00	MULT4 = 1.20			MULT3 = 1.10	MULT4 = 1.68
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	1.42	1.55	-5.0	-9.0	2.63	3.23
-5.0	-5.0	1.86	1.93	-5.0	-5.0	2.55	2.93
-5.0	-3.0	2.03	2.00	-5.0	-3.0	2.33	2.21
-5.0	0.0	2.14	2.10	-5.0	0.0	2.26	1.84
-5.0	3.0	2.10	2.24	-5.0	3.0	2.05	1.62
-5.0	5.0	2.07	2.41	-5.0	5.0	1.79	1.35
-5.0	9.0	2.00	2.72	-5.0	9.0	1.56	1.14
0.0	-9.0	0.92	1.17	0.0	-9.0	2.30	3.45
0.0	-5.0	1.22	1.31	0.0	-5.0	2.24	3.12
0.0	-3.0	1.36	1.38	0.0	-3.0	2.16	2.06
0.0	0.0	1.46	1.69	0.0	0.0	2.70	1.69
0.0	3.0	1.47	1.70	0.0	3.0	1.58	0.97
0.0	5.0	1.67	1.61	0.0	5.0	1.19	0.53
0.0	9.0	1.65	1.79	0.0	9.0	0.80	0.10
5.0	-9.0	0.77	0.86	5.0	-9.0	2.20	2.07
5.0	-5.0	0.83	0.91	5.0	-5.0	2.15	1.91
5.0	-3.0	0.83	0.94	5.0	-3.0	2.09	1.75
5.0	0.0	0.88	0.95	5.0	0.0	2.05	1.63
5.0	3.0	0.94	1.02	5.0	3.0	1.64	1.17
5.0	5.0	1.00	1.05	5.0	5.0	1.25	0.74
5.0	9.0	1.16	1.05	5.0	9.0	0.85	0.30

BODY PT NO 7412 XB = 287.0 THB = 74.0				BODY PT NO 7413 XB = 313.5 THB = 72.0			
		MULT3 = 1.12	MULT4 = 2.21			MULT3 = 1.43	MULT4 = 1.88
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	1.15	1.26	-5.0	-9.0	0.84	0.90
-5.0	-5.0	1.05	1.12	-5.0	-5.0	0.72	0.75
-5.0	-3.0	1.00	1.03	-5.0	-3.0	0.67	0.68
-5.0	0.0	0.89	0.91	-5.0	0.0	0.60	0.60
-5.0	3.0	0.74	0.86	-5.0	3.0	0.51	0.72
-5.0	5.0	0.66	0.71	-5.0	5.0	0.44	0.64
-5.0	9.0	0.50	0.60	-5.0	9.0	0.30	0.74
0.0	-9.0	1.06	1.15	0.0	-9.0	0.74	0.75
0.0	-5.0	0.98	1.05	0.0	-5.0	0.66	0.67
0.0	-3.0	0.92	0.98	0.0	-3.0	0.60	0.61
0.0	0.0	0.88	0.91	0.0	0.0	0.57	0.58
0.0	3.0	0.77	0.67	0.0	3.0	0.44	0.28
0.0	5.0	0.61	0.56	0.0	5.0	0.33	0.29
0.0	9.0	0.47	0.32	0.0	9.0	0.25	0.10
5.0	-9.0	1.00	1.15	5.0	-9.0	0.64	0.69
5.0	-5.0	0.93	0.99	5.0	-5.0	0.58	0.62
5.0	-3.0	0.88	0.94	5.0	-3.0	0.55	0.61
5.0	0.0	0.84	0.81	5.0	0.0	0.52	0.52
5.0	3.0	0.71	0.69	5.0	3.0	0.43	0.37
5.0	5.0	0.61	0.57	5.0	5.0	0.40	0.29
5.0	9.0	0.40	0.40	5.0	9.0	0.20	0.15

REMTECH

ZONE 2 - FRUSTUM

BODY PT NO 7426 XB = 200.0 THB = 90.0
T/C = 3243 MULT3 = 1.00 MULT4 = 1.00
ALPHA BETA M= 3.0 M=4.0

-5.0	-9.0	1.31	1.76
-5.0	-5.0	1.29	1.58
-5.0	-3.0	1.27	1.50
-5.0	0.0	1.22	1.46
-5.0	3.0	1.18	1.38
-5.0	5.0	1.19	1.43
-5.0	9.0	1.20	1.50
0.0	-9.0	1.30	1.85
0.0	-5.0	1.31	1.59
0.0	-3.0	1.32	1.52
0.0	0.0	1.23	1.45
0.0	3.0	1.25	1.40
0.0	5.0	1.22	1.35
0.0	9.0	1.18	1.27
5.0	-9.0	1.45	1.66
5.0	-5.0	1.40	1.54
5.0	-3.0	1.36	1.48
5.0	0.0	1.34	1.41
5.0	3.0	1.32	1.34
5.0	5.0	1.26	1.30
5.0	9.0	1.10	1.21

BODY PT NO 7427 XB = 213.9 THB = 0.0
T/C = 3243 MULT3 = 0.82 MULT4 = 1.05
ALPHA BETA M= 3.0 M=4.0

-5.0	-9.0	0.92	1.00
-5.0	-5.0	0.89	0.92
-5.0	-3.0	0.86	0.89
-5.0	0.0	0.85	0.82
-5.0	3.0	0.81	0.75
-5.0	5.0	0.79	0.72
-5.0	9.0	0.75	0.65
0.0	-9.0	1.08	1.15
0.0	-5.0	1.00	1.04
0.0	-3.0	0.95	0.97
0.0	0.0	0.90	0.91
0.0	3.0	0.82	0.86
0.0	5.0	0.78	0.83
0.0	9.0	0.67	0.77
5.0	-9.0	1.18	1.33
5.0	-5.0	1.10	1.20
5.0	-3.0	1.04	1.12
5.0	0.0	0.97	1.08
5.0	3.0	0.85	1.00
5.0	5.0	0.80	0.95
5.0	9.0	0.67	0.88

BODY PT NO 7429 XB = 300.0 THB = 180.0
MULT3 = 1.00 MULT4 = 1.70
ALPHA BETA M= 3.0 M=4.0

-5.0	-9.0	0.96	1.00
-5.0	-5.0	0.90	0.93
-5.0	-3.0	0.82	0.83
-5.0	0.0	0.77	0.74
-5.0	3.0	0.69	0.70
-5.0	5.0	0.61	0.56
-5.0	9.0	0.54	0.47
0.0	-9.0	1.15	1.28
0.0	-5.0	1.07	1.16
0.0	-3.0	0.99	1.05
0.0	0.0	0.91	0.92
0.0	3.0	0.76	0.79
0.0	5.0	0.71	0.71
0.0	9.0	0.64	0.60
5.0	-9.0	1.05	1.21
5.0	-5.0	1.02	1.14
5.0	-3.0	0.98	1.03
5.0	0.0	0.92	0.95
5.0	3.0	0.85	0.84
5.0	5.0	0.76	0.77
5.0	9.0	0.71	0.73

BODY PT NO 7430 XB = 388.0 THB = 0.0
MULT3 = 1.21 MULT4 = 2.25
ALPHA BETA M= 3.0 M=4.0

-5.0	-9.0	1.02	1.07
-5.0	-5.0	0.96	1.00
-5.0	-3.0	0.93	0.92
-5.0	0.0	0.91	0.88
-5.0	3.0	0.82	0.81
-5.0	5.0	0.81	0.82
-5.0	9.0	0.76	0.75
0.0	-9.0	1.02	1.24
0.0	-5.0	0.96	1.02
0.0	-3.0	0.94	0.92
0.0	0.0	0.87	0.84
0.0	3.0	0.70	0.68
0.0	5.0	0.68	0.63
0.0	9.0	0.60	0.54
5.0	-9.0	0.72	0.85
5.0	-5.0	0.73	0.76
5.0	-3.0	0.73	0.71
5.0	0.0	0.66	0.59
5.0	3.0	0.60	0.49
5.0	5.0	0.57	0.48
5.0	9.0	0.54	0.41

REMTECH

ZONE 2 - FRUSTUM

BODY PT NO 7431 XB = 388.0 THB = 45.0				BODY PT NO 7432 XB = 388.0 THB = 60.0			
T/C = 4021		MULT3 = 1.40	MULT4 = 2.77			MULT3 = 1.52	MULT4 = 3.08
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	1.55	1.40	-5.0	-9.0	2.03	2.50
-5.0	-5.0	1.32	1.14	-5.0	-5.0	1.65	1.72
-5.0	-3.0	1.27	1.05	-5.0	-3.0	1.45	1.22
-5.0	0.0	1.10	0.85	-5.0	0.0	1.18	1.17
-5.0	3.0	1.02	0.79	-5.0	3.0	0.99	0.62
-5.0	5.0	0.98	0.76	-5.0	5.0	0.85	0.67
-5.0	9.0	0.88	0.70	-5.0	9.0	0.60	0.42
0.0	-9.0	1.18	0.95	0.0	-9.0	1.80	2.25
0.0	-5.0	1.04	0.82	0.0	-5.0	1.50	1.40
0.0	-3.0	1.00	0.78	0.0	-3.0	1.35	1.37
0.0	0.0	0.94	0.73	0.0	0.0	1.12	0.95
0.0	3.0	0.75	0.55	0.0	3.0	0.89	1.10
0.0	5.0	0.69	0.52	0.0	5.0	0.75	0.67
0.0	9.0	0.60	0.41	0.0	9.0	0.40	0.42
5.0	-9.0	0.86	0.72	5.0	-9.0	1.70	2.04
5.0	-5.0	0.81	0.59	5.0	-5.0	1.45	1.35
5.0	-3.0	0.80	0.60	5.0	-3.0	1.30	0.95
5.0	0.0	0.75	0.52	5.0	0.0	1.12	1.00
5.0	3.0	0.68	0.51	5.0	3.0	0.89	1.12
5.0	5.0	0.64	0.50	5.0	5.0	0.75	0.65
5.0	9.0	0.55	0.48	5.0	9.0	0.40	0.42

BODY PT NO 7446 XB = 286.0 THB = 54.0				BODY PT NO 7657 XB = 373.1 THB = 90.0			
		MULT3 = 1.33	MULT4 = 1.53			MULT3 = 1.00	MULT4 = 1.63
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	1.35	1.65	-5.0	-9.0	2.35	3.60
-5.0	-5.0	1.20	1.60	-5.0	-5.0	1.90	2.59
-5.0	-3.0	1.10	1.33	-5.0	-3.0	1.70	2.25
-5.0	0.0	0.98	1.11	-5.0	0.0	1.41	1.65
-5.0	3.0	0.84	0.94	-5.0	3.0	1.14	1.00
-5.0	5.0	0.74	0.85	-5.0	5.0	0.95	0.60
-5.0	9.0	0.55	0.37	-5.0	9.0	0.64	0.20
0.0	-9.0	1.56	1.76	0.0	-9.0	2.40	3.00
0.0	-5.0	1.30	1.55	0.0	-5.0	2.00	1.70
0.0	-3.0	1.18	1.35	0.0	-3.0	1.80	1.25
0.0	0.0	0.98	1.00	0.0	0.0	1.45	0.85
0.0	3.0	0.84	0.85	0.0	3.0	1.21	1.05
0.0	5.0	0.74	0.75	0.0	5.0	1.05	1.15
0.0	9.0	0.55	0.31	0.0	9.0	0.72	0.30
5.0	-9.0	1.45	1.80	5.0	-9.0	2.25	2.30
5.0	-5.0	1.20	1.42	5.0	-5.0	1.85	1.35
5.0	-3.0	1.07	1.24	5.0	-3.0	1.62	1.15
5.0	0.0	0.88	0.95	5.0	0.0	1.35	0.90
5.0	3.0	0.70	0.76	5.0	3.0	1.07	0.83
5.0	5.0	0.60	0.68	5.0	5.0	0.90	0.81
5.0	9.0	0.38	0.29	5.0	9.0	0.57	0.30

REMTECH

ZONE 2 - FRUSTUM

BODY PT NO 7658 XB = 300.0 THB = 352.0				BODY PT NO 7659 XB = 287.0 THB = 20.0			
		MULT3 = 1.75	MULT4 = 2.99			MULT3 = 0.73	MULT4 = 1.12
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	0.64	0.73	-5.0	-9.0	1.73	1.66
-5.0	-5.0	0.62	0.69	-5.0	-5.0	2.10	1.97
-5.0	-3.0	0.63	0.64	-5.0	-3.0	2.17	2.03
-5.0	0.0	0.60	0.62	-5.0	0.0	2.14	2.02
-5.0	3.0	0.56	0.62	-5.0	3.0	1.91	1.86
-5.0	5.0	0.54	0.59	-5.0	5.0	1.84	1.94
-5.0	9.0	0.51	0.55	-5.0	9.0	1.70	1.90
0.0	-9.0	0.70	0.74	0.0	-9.0	1.17	1.12
0.0	-5.0	0.64	0.66	0.0	-5.0	1.47	1.22
0.0	-3.0	0.60	0.63	0.0	-3.0	1.60	1.36
0.0	0.0	0.68	0.74	0.0	0.0	1.73	1.73
0.0	3.0	0.47	0.51	0.0	3.0	1.51	1.48
0.0	5.0	0.46	0.47	0.0	5.0	1.60	1.44
0.0	9.0	0.40	0.40	0.0	9.0	1.45	1.50
5.0	-9.0	0.59	0.60	5.0	-9.0	0.97	0.85
5.0	-5.0	0.54	0.58	5.0	-5.0	1.13	1.12
5.0	-3.0	0.50	0.56	5.0	-3.0	1.50	1.19
5.0	0.0	0.50	0.50	5.0	0.0	1.33	1.25
5.0	3.0	0.43	0.44	5.0	3.0	1.22	1.21
5.0	5.0	0.39	0.36	5.0	5.0	1.15	1.18
5.0	9.0	0.32	0.29	5.0	9.0	1.15	1.18

BODY PT NO 7660 XB = 284.6 THB = 90.0				BODY PT NO 7661 XB = 283.4 THB = 270.0			
		MULT3 = 1.00	MULT4 = 1.63	T/C = 4210		MULT3 = 1.04	MULT4 = 1.74
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	1.20	2.40	-5.0	-9.0	0.81	0.74
-5.0	-5.0	1.05	1.49	-5.0	-5.0	0.81	0.75
-5.0	-3.0	1.00	1.04	-5.0	-3.0	0.80	0.76
-5.0	0.0	0.94	0.97	-5.0	0.0	0.82	0.78
-5.0	3.0	0.78	0.92	-5.0	3.0	0.74	1.00
-5.0	5.0	0.69	0.75	-5.0	5.0	0.69	1.47
-5.0	9.0	0.48	0.40	-5.0	9.0	0.65	1.70
0.0	-9.0	1.15	1.30	0.0	-9.0	0.81	0.74
0.0	-5.0	1.10	1.17	0.0	-5.0	0.80	0.78
0.0	-3.0	1.01	1.10	0.0	-3.0	0.80	0.79
0.0	0.0	0.95	0.96	0.0	0.0	0.79	0.84
0.0	3.0	0.73	0.75	0.0	3.0	0.24	0.65
0.0	5.0	0.60	0.64	0.0	5.0	0.67	0.59
0.0	9.0	0.50	0.35	0.0	9.0	0.60	0.38
5.0	-9.0	1.17	1.26	5.0	-9.0	0.81	0.74
5.0	-5.0	1.12	1.14	5.0	-5.0	0.82	0.77
5.0	-3.0	1.03	1.10	5.0	-3.0	0.82	0.79
5.0	0.0	0.95	0.97	5.0	0.0	0.85	0.80
5.0	3.0	0.78	0.76	5.0	3.0	0.74	0.69
5.0	5.0	0.70	0.66	5.0	5.0	0.67	0.62
5.0	9.0	0.58	0.40	5.0	9.0	0.65	0.48

REMTECH

ZONE 3 - FORWARD SKIRT

BODY PT NO 31 XB = 451.7 THB = 104.0			
		MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	4.95	10.10
-5.0	-5.0	4.13	7.90
-5.0	-3.0	3.80	6.85
-5.0	0.0	3.20	5.15
-5.0	3.0	2.80	4.40
-5.0	5.0	2.53	3.85
-5.0	9.0	1.95	2.80
0.0	-9.0	3.20	5.80
0.0	-5.0	3.00	5.60
0.0	-3.0	2.90	5.50
0.0	0.0	2.75	5.35
0.0	3.0	2.25	4.10
0.0	5.0	1.95	3.20
0.0	9.0	1.25	1.45
5.0	-9.0	3.00	6.70
5.0	-5.0	2.81	6.03
5.0	-3.0	2.70	5.70
5.0	0.0	2.57	5.15
5.0	3.0	2.05	4.10
5.0	5.0	1.85	3.35
5.0	9.0	1.00	1.85

BODY PT NO 1000 XB = 399.0 THB = 0.0			
		MULT3 = 1.04	MULT4 = 1.04
ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	0.95	1.20
-5.0	-5.0	0.85	0.80
-5.0	-3.0	0.82	0.60
-5.0	0.0	0.75	0.62
-5.0	3.0	0.72	1.00
-5.0	5.0	0.60	0.55
-5.0	9.0	0.51	0.40
0.0	-9.0	0.56	1.00
0.0	-5.0	0.75	0.75
0.0	-3.0	0.74	1.10
0.0	0.0	0.70	0.62
0.0	3.0	0.59	0.87
0.0	5.0	0.50	0.65
0.0	9.0	0.36	0.30
5.0	-9.0	0.51	1.00
5.0	-5.0	0.70	0.75
5.0	-3.0	0.68	0.80
5.0	0.0	0.65	0.62
5.0	3.0	0.55	0.65
5.0	5.0	0.50	0.50
5.0	9.0	0.40	0.30

BODY PT NO 1021 XB = 447.5 THB = 45.0			
		MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	1.70	1.95
-5.0	-5.0	1.16	1.20
-5.0	-3.0	0.84	0.80
-5.0	0.0	0.92	0.90
-5.0	3.0	1.08	1.10
-5.0	5.0	1.04	1.05
-5.0	9.0	0.90	0.87
0.0	-9.0	2.00	2.40
0.0	-5.0	1.65	1.90
0.0	-3.0	1.48	1.65
0.0	0.0	1.34	1.44
0.0	3.0	1.16	1.20
0.0	5.0	1.09	1.13
0.0	9.0	1.00	1.00
5.0	-9.0	1.35	1.45
5.0	-5.0	1.24	1.30
5.0	-3.0	1.20	1.25
5.0	0.0	1.06	1.07
5.0	3.0	0.94	0.93
5.0	5.0	0.87	0.84
5.0	9.0	0.71	0.65

BODY PT NO 1022 XB = 495.9 THB = 45.0			
		MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	2.25	2.25
-5.0	-5.0	1.45	1.45
-5.0	-3.0	0.65	0.65
-5.0	0.0	0.85	0.85
-5.0	3.0	1.00	1.00
-5.0	5.0	0.95	0.95
-5.0	9.0	0.85	0.85
0.0	-9.0	1.55	1.55
0.0	-5.0	1.26	1.26
0.0	-3.0	1.15	1.15
0.0	0.0	1.00	1.00
0.0	3.0	0.90	0.90
0.0	5.0	0.75	0.75
0.0	9.0	0.55	0.55
5.0	-9.0	1.07	1.07
5.0	-5.0	0.94	0.94
5.0	-3.0	0.90	0.90
5.0	0.0	0.75	0.75
5.0	3.0	0.65	0.65
5.0	5.0	0.60	0.60
5.0	9.0	0.55	0.55

REMTECH

ZONE 3 - FORWARD SKIRT

BODY PT NO 1043 XB = 407.7 THB = 90.0				BODY PT NO 1045 XB = 431.0 THB = 90.0			
		MULT3 = 1.00	MULT4 = 1.00			MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	7.55	13.30	-5.0	-9.0	6.95	14.40
-5.0	-5.0	6.30	10.50	-5.0	-5.0	5.91	11.30
-5.0	-3.0	5.70	9.10	-5.0	-3.0	5.40	9.80
-5.0	0.0	4.75	7.10	-5.0	0.0	4.60	7.60
-5.0	3.0	3.95	5.80	-5.0	3.0	4.40	8.10
-5.0	5.0	3.45	5.00	-5.0	5.0	4.25	8.50
-5.0	9.0	2.40	3.20	-5.0	9.0	3.85	8.65
0.0	-9.0	7.30	14.90	0.0	-9.0	7.10	16.40
0.0	-5.0	6.10	11.70	0.0	-5.0	6.74	14.00
0.0	-3.0	5.50	10.00	0.0	-3.0	6.55	12.60
0.0	0.0	4.60	7.60	0.0	0.0	6.30	10.50
0.0	3.0	4.00	6.20	0.0	3.0	5.43	9.70
0.0	5.0	3.65	5.30	0.0	5.0	4.85	9.30
0.0	9.0	2.80	3.50	0.0	9.0	3.65	8.10
5.0	-9.0	6.10	11.30	5.0	-9.0	8.60	14.55
5.0	-5.0	5.60	10.30	5.0	-5.0	8.00	17.80
5.0	-3.0	5.40	9.60	5.0	-3.0	7.75	19.00
5.0	0.0	5.00	8.70	5.0	0.0	7.30	21.00
5.0	3.0	3.95	6.30	5.0	3.0	5.83	12.90
5.0	5.0	3.25	4.65	5.0	5.0	4.80	7.60
5.0	9.0	1.80	1.40	5.0	9.0	2.82	7.60

BODY PT NO 1046 XB = 499.4 THB = 90.0				BODY PT NO 1047 XB = 511.5 THB = 90.0			
		MULT3 = 1.00	MULT4 = 1.00			MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	1.18	2.10	-5.0	-9.0	0.90	1.12
-5.0	-5.0	1.00	1.45	-5.0	-5.0	0.80	0.95
-5.0	-3.0	0.90	0.40	-5.0	-3.0	0.75	0.86
-5.0	0.0	0.78	1.15	-5.0	0.0	0.70	0.74
-5.0	3.0	0.49	0.88	-5.0	3.0	0.52	0.60
-5.0	5.0	0.30	0.30	-5.0	5.0	0.40	0.53
-5.0	9.0	0.06	0.15	-5.0	9.0	0.15	0.35
0.0	-9.0	0.95	1.55	0.0	-9.0	0.70	1.12
0.0	-5.0	0.85	0.75	0.0	-5.0	0.70	0.95
0.0	-3.0	0.80	0.80	0.0	-3.0	0.70	0.86
0.0	0.0	0.73	1.10	0.0	0.0	0.70	0.74
0.0	3.0	0.60	0.70	0.0	3.0	0.52	0.60
0.0	5.0	0.52	0.70	0.0	5.0	0.40	0.53
0.0	9.0	0.37	0.25	0.0	9.0	0.15	0.35
5.0	-9.0	0.79	1.60	5.0	-9.0	0.90	1.27
5.0	-5.0	0.78	0.75	5.0	-5.0	0.75	1.10
5.0	-3.0	0.76	1.10	5.0	-3.0	0.75	1.03
5.0	0.0	0.75	1.15	5.0	0.0	0.70	0.90
5.0	3.0	0.57	0.75	5.0	3.0	0.56	0.77
5.0	5.0	0.45	0.65	5.0	5.0	0.45	0.60
5.0	9.0	0.23	0.25	5.0	9.0	0.28	0.30

REMTECH

ZONE 3 - FORWARD SKIRT

BODY PT NO 1048 XB = 521.9 THB = 90.0				BODY PT NO 1049 XB = 534.0 THB = 90.0			
		MULT3 = 1.00	MULT4 = 1.00			MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	0.79	1.40	-5.0	-9.0	0.85	1.12
-5.0	-5.0	0.75	1.30	-5.0	-5.0	0.75	1.25
-5.0	-3.0	0.73	0.50	-5.0	-3.0	0.67	0.45
-5.0	0.0	0.70	0.85	-5.0	0.0	0.60	0.70
-5.0	3.0	0.42	0.45	-5.0	3.0	0.43	0.42
-5.0	5.0	0.25	0.37	-5.0	5.0	0.30	0.35
-5.0	9.0	0.31	0.15	-5.0	9.0	0.05	0.15
0.0	-9.0	0.51	1.15	0.0	-9.0	0.55	1.00
0.0	-5.0	0.60	0.85	0.0	-5.0	0.60	0.80
0.0	-3.0	0.64	0.70	0.0	-3.0	0.60	0.65
0.0	0.0	0.70	1.00	0.0	0.0	0.60	0.90
0.0	3.0	0.51	0.65	0.0	3.0	0.45	0.60
0.0	5.0	0.40	0.50	0.0	5.0	0.35	0.50
0.0	9.0	0.17	0.20	0.0	9.0	0.20	0.20
5.0	-9.0	0.74	1.00	5.0	-9.0	0.65	0.85
5.0	-5.0	0.70	1.02	5.0	-5.0	0.65	0.95
5.0	-3.0	0.67	0.80	5.0	-3.0	0.60	0.70
5.0	0.0	0.65	0.95	5.0	0.0	0.60	0.90
5.0	3.0	0.51	0.60	5.0	3.0	0.45	0.50
5.0	5.0	0.45	0.65	5.0	5.0	0.37	0.55
5.0	9.0	0.29	0.20	5.0	9.0	0.20	0.15

BODY PT NO 1050 XB = 553.4 THB = 90.0				BODY PT NO 1065 XB = 399.0 THB = 135.0			
		MULT3 = 1.00	MULT4 = 1.00			MULT3 = 1.04	MULT4 = 1.04
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	0.88	0.90	-5.0	-9.0	1.00	1.30
-5.0	-5.0	0.70	0.84	-5.0	-5.0	0.85	1.25
-5.0	-3.0	0.61	0.76	-5.0	-3.0	0.75	1.24
-5.0	0.0	0.50	0.77	-5.0	0.0	0.65	1.20
-5.0	3.0	0.36	0.40	-5.0	3.0	0.57	1.17
-5.0	5.0	0.27	0.27	-5.0	5.0	0.50	1.17
-5.0	9.0	0.09	0.12	-5.0	9.0	0.40	1.13
0.0	-9.0	0.57	0.82	0.0	-9.0	1.06	1.85
0.0	-5.0	0.60	0.80	0.0	-5.0	0.90	1.65
0.0	-3.0	0.60	0.55	0.0	-3.0	0.85	1.55
0.0	0.0	0.62	0.85	0.0	0.0	0.75	1.40
0.0	3.0	0.47	0.55	0.0	3.0	0.67	1.23
0.0	5.0	0.38	0.50	0.0	5.0	0.60	1.17
0.0	9.0	0.20	0.18	0.0	9.0	0.50	1.13
5.0	-9.0	0.58	0.65	5.0	-9.0	1.06	2.10
5.0	-5.0	0.55	0.88	5.0	-5.0	0.90	1.90
5.0	-3.0	0.53	0.65	5.0	-3.0	0.85	1.85
5.0	0.0	0.50	0.77	5.0	0.0	0.75	1.60
5.0	3.0	0.40	0.45	5.0	3.0	0.71	1.40
5.0	5.0	0.35	0.45	5.0	5.0	0.67	1.30
5.0	9.0	0.23	0.15	5.0	9.0	0.60	1.15

REMTECH

ZONE 3 - FORWARD SKIRT

BODY PT NO 1290 XB = 407.7 THB = 76.0				BODY PT NO 1291 XB = 419.8 THB = 76.0			
		MULT3 = 1.50	MULT4 = 1.40			MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	1.80	1.65	-5.0	-9.0	1.89	2.65
-5.0	-5.0	1.42	1.10	-5.0	-5.0	1.88	2.50
-5.0	-3.0	1.24	1.05	-5.0	-3.0	1.86	1.10
-5.0	0.0	0.95	1.00	-5.0	0.0	1.85	2.50
-5.0	3.0	0.89	0.70	-5.0	3.0	1.71	0.70
-5.0	5.0	0.85	0.45	-5.0	5.0	1.60	0.90
-5.0	9.0	0.79	0.25	-5.0	9.0	1.41	0.40
0.0	-9.0	1.85	1.57	0.0	-9.0	1.87	2.45
0.0	-5.0	1.42	1.40	0.0	-5.0	1.80	2.70
0.0	-3.0	1.21	1.20	0.0	-3.0	1.75	0.80
0.0	0.0	0.90	0.80	0.0	0.0	1.70	2.20
0.0	3.0	0.80	0.65	0.0	3.0	1.45	0.60
0.0	5.0	0.75	0.55	0.0	5.0	1.30	1.25
0.0	9.0	0.62	0.25	0.0	9.0	0.98	0.60
5.0	-9.0	1.15	1.57	5.0	-9.0	1.56	2.22
5.0	-5.0	1.00	1.25	5.0	-5.0	1.50	2.25
5.0	-3.0	0.91	1.05	5.0	-3.0	1.48	0.70
5.0	0.0	0.80	0.75	5.0	0.0	1.45	1.75
5.0	3.0	0.70	0.60	5.0	3.0	1.24	0.65
5.0	5.0	0.65	0.50	5.0	5.0	1.10	1.15
5.0	9.0	0.51	0.25	5.0	9.0	0.81	0.60

BODY PT NO 1292 XB = 431.9 THB = 76.0				BODY PT NO 1345 XB = 399.0 THB = 270.0			
		MULT3 = 1.00	MULT4 = 1.40			MULT3 = 1.04	MULT4 = 1.04
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	2.25	4.30	-5.0	-9.0	1.02	1.08
-5.0	-5.0	2.18	3.54	-5.0	-5.0	1.00	1.01
-5.0	-3.0	2.14	3.17	-5.0	-3.0	0.98	1.00
-5.0	0.0	2.10	2.55	-5.0	0.0	0.95	0.92
-5.0	3.0	1.58	2.29	-5.0	3.0	0.78	0.88
-5.0	5.0	1.25	2.10	-5.0	5.0	0.75	0.87
-5.0	9.0	0.55	1.71	-5.0	9.0	0.73	0.84
0.0	-9.0	2.07	3.65	0.0	-9.0	0.55	1.00
0.0	-5.0	1.98	3.10	0.0	-5.0	0.68	0.99
0.0	-3.0	1.92	2.80	0.0	-3.0	0.80	0.90
0.0	0.0	1.85	2.35	0.0	0.0	0.93	0.88
0.0	3.0	1.55	1.92	0.0	3.0	0.90	0.85
0.0	5.0	1.35	1.65	0.0	5.0	0.85	0.80
0.0	9.0	0.94	1.09	0.0	9.0	0.72	0.76
5.0	-9.0	1.60	3.22	5.0	-9.0	0.80	1.08
5.0	-5.0	1.55	2.64	5.0	-5.0	0.88	0.98
5.0	-3.0	1.51	2.38	5.0	-3.0	0.90	0.90
5.0	0.0	1.48	1.95	5.0	0.0	0.93	0.88
5.0	3.0	1.28	1.71	5.0	3.0	0.90	0.82
5.0	5.0	1.15	1.60	5.0	5.0	0.85	0.78
5.0	9.0	0.90	1.30	5.0	9.0	0.72	0.68

REMTECH

ZONE 3 - FORWARD SKIRT

BODY PT NO 1346 XB = 435.4 THB = 277.0				BODY PT NO 1404 XB = 408.0 THB = 104.0			
MULT3 = 1.04 MULT4 = 1.04				MULT3 = 1.40 MULT4 = 1.40			
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	0.67	1.15	-5.0	-9.0	2.83	3.50
-5.0	-5.0	0.65	1.05	-5.0	-5.0	2.58	3.20
-5.0	-3.0	0.60	1.00	-5.0	-3.0	2.47	4.75
-5.0	0.0	0.56	0.94	-5.0	0.0	2.30	3.00
-5.0	3.0	0.46	0.85	-5.0	3.0	2.15	3.20
-5.0	5.0	0.40	0.80	-5.0	5.0	2.05	2.20
-5.0	9.0	0.32	0.65	-5.0	9.0	1.85	1.45
0.0	-9.0	0.67	1.15	0.0	-9.0	2.65	3.40
0.0	-5.0	0.65	1.05	0.0	-5.0	2.70	3.10
0.0	-3.0	0.60	1.00	0.0	-3.0	2.67	6.80
0.0	0.0	0.56	0.94	0.0	0.0	2.65	2.70
0.0	3.0	0.46	0.85	0.0	3.0	2.15	4.50
0.0	5.0	0.40	0.80	0.0	5.0	1.75	1.50
0.0	9.0	0.32	0.65	0.0	9.0	1.10	1.10
5.0	-9.0	0.67	1.15	5.0	-9.0	2.35	3.30
5.0	-5.0	0.65	1.05	5.0	-5.0	2.30	2.80
5.0	-3.0	0.60	1.00	5.0	-3.0	2.28	5.00
5.0	0.0	0.56	0.94	5.0	0.0	2.25	2.40
5.0	3.0	0.46	0.85	5.0	3.0	1.86	3.30
5.0	5.0	0.40	0.80	5.0	5.0	1.60	1.60
5.0	9.0	0.32	0.65	5.0	9.0	1.10	1.00

BODY PT NO 1406 XB = 432.0 THB = 104.0				BODY PT NO 1410 XB = 480.0 THB = 104.0			
MULT3 = 1.40 MULT4 = 1.40				MULT3 = 1.30 MULT4 = 1.80			
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	4.00	6.75	-5.0	-9.0	0.96	1.40
-5.0	-5.0	3.55	5.40	-5.0	-5.0	0.72	1.25
-5.0	-3.0	3.32	4.65	-5.0	-3.0	0.63	1.05
-5.0	0.0	3.03	6.00	-5.0	0.0	0.45	0.86
-5.0	3.0	2.65	4.35	-5.0	3.0	0.40	0.45
-5.0	5.0	2.65	4.00	-5.0	5.0	0.35	0.40
-5.0	9.0	2.36	2.40	-5.0	9.0	0.25	0.35
0.0	-9.0	3.72	6.09	0.0	-9.0	1.45	1.97
0.0	-5.0	3.85	6.00	0.0	-5.0	1.12	1.70
0.0	-3.0	3.90	5.90	0.0	-3.0	0.93	1.55
0.0	0.0	4.00	5.90	0.0	0.0	0.65	1.30
0.0	3.0	3.29	4.80	0.0	3.0	0.65	1.10
0.0	5.0	2.80	3.20	0.0	5.0	0.65	0.95
0.0	9.0	1.85	2.30	0.0	9.0	0.65	0.65
5.0	-9.0	3.85	7.00	5.0	-9.0	1.83	2.60
5.0	-5.0	4.00	6.75	5.0	-5.0	1.60	2.20
5.0	-3.0	4.05	6.50	5.0	-3.0	1.45	2.00
5.0	0.0	4.15	5.80	5.0	0.0	1.25	1.70
5.0	3.0	4.01	5.60	5.0	3.0	1.10	1.40
5.0	5.0	3.95	3.15	5.0	5.0	1.00	1.20
5.0	9.0	3.79	2.00	5.0	9.0	0.83	0.80

REMTECH

ZONE 3 - FORWARD SKIRT

BODY PT NO 1496 XB = 444.0 THB = 140.0				BODY PT NO 3207 XB = 450.0 THB = 270.0			
		MULT3 = 1.00	MULT4 = 1.00	T/C = 3207		MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	2.40	3.90	-5.0	-9.0	4.72	5.25
-5.0	-5.0	2.40	3.40	-5.0	-5.0	4.33	5.44
-5.0	-3.0	2.54	3.70	-5.0	-3.0	4.21	5.50
-5.0	0.0	2.70	4.20	-5.0	0.0	4.05	5.51
-5.0	3.0	2.74	5.25	-5.0	3.0	3.73	9.17
-5.0	5.0	2.74	5.95	-5.0	5.0	3.43	11.02
-5.0	9.0	2.74	6.75	-5.0	9.0	2.84	11.56
0.0	-9.0	3.11	4.40	0.0	-9.0	4.48	4.97
0.0	-5.0	3.11	4.60	0.0	-5.0	4.46	5.32
0.0	-3.0	3.23	4.65	0.0	-3.0	4.40	5.47
0.0	0.0	3.38	4.75	0.0	0.0	5.13	6.72
0.0	3.0	3.65	5.60	0.0	3.0	3.63	5.31
0.0	5.0	3.83	6.20	0.0	5.0	3.40	4.87
0.0	9.0	3.83	7.40	0.0	9.0	2.91	3.81
5.0	-9.0	4.43	8.75	5.0	-9.0	4.51	5.10
5.0	-5.0	4.43	7.50	5.0	-5.0	4.47	5.59
5.0	-3.0	4.25	7.90	5.0	-3.0	4.46	5.80
5.0	0.0	3.95	8.50	5.0	0.0	4.23	5.69
5.0	3.0	4.06	7.95	5.0	3.0	3.82	5.13
5.0	5.0	4.13	7.60	5.0	5.0	3.67	4.95
5.0	9.0	4.13	7.60	5.0	9.0	3.38	4.54

BODY PT NO 3229 XB = 490.0 THB = 105.0			
		MULT3 = 1.30	MULT4 = 1.80
ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	0.51	0.90
-5.0	-5.0	0.45	0.81
-5.0	-3.0	0.40	0.68
-5.0	0.0	0.36	0.56
-5.0	3.0	0.40	0.29
-5.0	5.0	0.45	0.26
-5.0	9.0	0.51	0.23
0.0	-9.0	0.78	1.27
0.0	-5.0	0.66	1.10
0.0	-3.0	0.60	1.00
0.0	0.0	0.52	0.84
0.0	3.0	0.58	0.71
0.0	5.0	0.63	0.61
0.0	9.0	0.71	0.42
5.0	-9.0	1.23	1.68
5.0	-5.0	1.08	1.42
5.0	-3.0	1.02	1.29
5.0	0.0	0.92	1.10
5.0	3.0	0.89	0.90
5.0	5.0	0.89	0.78
5.0	9.0	0.86	0.52

REMTECH

ZONE 3 - FORWARD SKIRT

BODY PT NO 4214 XB = 480.0 THB = 110.0
T/C = 1410 MULT3 = 1.30 MULT4 = 1.80
ALPHA BETA M= 3.0 M=4.0

-5.0	-9.0	1.09	1.40
-5.0	-5.0	0.75	1.25
-5.0	-3.0	0.67	1.05
-5.0	0.0	0.45	0.87
-5.0	3.0	0.40	0.45
-5.0	5.0	0.35	0.40
-5.0	9.0	0.25	0.35
0.0	-9.0	1.73	1.99
0.0	-5.0	1.25	1.70
0.0	-3.0	1.00	1.54
0.0	0.0	0.70	1.30
0.0	3.0	0.67	1.10
0.0	5.0	0.67	0.95
0.0	9.0	0.67	0.65
5.0	-9.0	2.10	2.60
5.0	-5.0	1.80	2.20
5.0	-3.0	1.65	2.00
5.0	0.0	1.43	1.70
5.0	3.0	1.20	1.37
5.0	5.0	1.05	1.17
5.0	9.0	0.75	0.80

BODY PT NO 7444 XB = 419.0 THB = 46.0
MULT3 = 1.00 MULT4 = 1.00
ALPHA BETA M= 3.0 M=4.0

-5.0	-9.0	1.29	2.71
-5.0	-5.0	1.85	2.54
-5.0	-3.0	1.79	2.54
-5.0	0.0	1.73	2.43
-5.0	3.0	1.54	1.67
-5.0	5.0	1.38	1.47
-5.0	9.0	1.03	0.65
0.0	-9.0	1.70	2.37
0.0	-5.0	1.69	1.97
0.0	-3.0	1.70	1.92
0.0	0.0	1.67	1.66
0.0	3.0	1.38	1.44
0.0	5.0	1.31	1.31
0.0	9.0	1.06	1.09
5.0	-9.0	1.81	1.89
5.0	-5.0	1.25	1.59
5.0	-3.0	1.19	1.44
5.0	0.0	1.21	1.25
5.0	3.0	1.14	1.14
5.0	5.0	1.09	1.03
5.0	9.0	1.00	0.87

BODY PT NO 7653 XB = 459.6 THB = 0.0
MULT3 = 1.04 MULT4 = 1.04
ALPHA BETA M= 3.0 M=4.0

-5.0	-9.0	1.19	1.47
-5.0	-5.0	1.08	1.08
-5.0	-3.0	1.01	0.60
-5.0	0.0	0.90	0.86
-5.0	3.0	0.83	0.95
-5.0	5.0	0.75	0.80
-5.0	9.0	0.60	0.55
0.0	-9.0	1.06	1.18
0.0	-5.0	0.95	0.87
0.0	-3.0	0.87	0.60
0.0	0.0	0.75	0.56
0.0	3.0	0.65	0.75
0.0	5.0	0.60	0.90
0.0	9.0	0.47	0.35
5.0	-9.0	0.80	0.83
5.0	-5.0	0.70	0.55
5.0	-3.0	0.64	0.70
5.0	0.0	0.53	0.36
5.0	3.0	0.42	0.62
5.0	5.0	0.35	0.25
5.0	9.0	0.20	0.15

REMTECH

ZONE 3 - FORWARD SKIRT

BODY PT NO 7654 XB = 459.0 THB = 104.0				BODY PT NO 7655 XB = 448.0 THB = 73.0			
		MULT3 = 1.30	MULT4 = 1.80			MULT3 = 1.00	MULT4 = 1.40
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	1.13	2.00	-5.0	-9.0	2.27	3.00
-5.0	-5.0	0.90	1.76	-5.0	-5.0	2.18	2.95
-5.0	-3.0	0.80	1.65	-5.0	-3.0	2.15	4.20
-5.0	0.0	0.65	1.45	-5.0	0.0	2.10	2.55
-5.0	3.0	0.62	1.27	-5.0	3.0	1.59	3.20
-5.0	5.0	0.60	1.15	-5.0	5.0	1.25	1.60
-5.0	9.0	0.60	0.90	-5.0	9.0	0.56	0.70
0.0	-9.0	1.56	2.25	0.0	-9.0	2.09	2.75
0.0	-5.0	1.20	1.90	0.0	-5.0	1.98	2.70
0.0	-3.0	1.00	1.70	0.0	-3.0	1.92	3.40
0.0	0.0	0.70	1.40	0.0	0.0	1.85	2.35
0.0	3.0	0.75	1.10	0.0	3.0	1.55	2.40
0.0	5.0	0.80	0.75	0.0	5.0	1.35	1.40
0.0	9.0	0.88	0.65	0.0	9.0	0.95	0.65
5.0	-9.0	2.06	3.10	5.0	-9.0	1.61	2.55
5.0	-5.0	1.75	2.70	5.0	-5.0	1.55	2.20
5.0	-3.0	1.60	2.20	5.0	-3.0	1.52	2.95
5.0	0.0	1.40	1.75	5.0	0.0	1.48	1.95
5.0	3.0	1.27	1.45	5.0	3.0	1.28	2.35
5.0	5.0	1.20	1.30	5.0	5.0	1.15	1.35
5.0	9.0	1.00	0.80	5.0	9.0	0.90	0.65

BODY PT NO 7656 XB = 417.1 THB = 92.0				BODY PT NO 7682 XB = 511.0 THB = 270.0			
		MULT3 = 1.48	MULT4 = 1.37			MULT3 = 1.87	MULT4 = 2.24
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	3.00	7.60	-5.0	-9.0	0.43	0.45
-5.0	-5.0	3.55	7.60	-5.0	-5.0	0.23	0.45
-5.0	-3.0	3.80	7.60	-5.0	-3.0	0.19	0.46
-5.0	0.0	4.20	7.60	-5.0	0.0	0.19	0.50
-5.0	3.0	3.65	6.60	-5.0	3.0	0.19	1.07
-5.0	5.0	3.25	5.95	-5.0	5.0	0.20	0.95
-5.0	9.0	2.45	4.55	-5.0	9.0	0.30	0.67
0.0	-9.0	4.32	12.05	0.0	-9.0	0.75	1.05
0.0	-5.0	4.40	10.50	0.0	-5.0	0.78	0.97
0.0	-3.0	4.45	9.75	0.0	-3.0	0.80	0.95
0.0	0.0	4.50	8.60	0.0	0.0	0.67	0.72
0.0	3.0	3.85	6.90	0.0	3.0	0.73	0.61
0.0	5.0	3.40	5.70	0.0	5.0	0.70	0.55
0.0	9.0	2.45	3.35	0.0	9.0	0.63	0.45
5.0	-9.0	4.52	15.20	5.0	-9.0	1.33	2.09
5.0	-5.0	4.35	12.30	5.0	-5.0	1.26	1.75
5.0	-3.0	4.25	10.80	5.0	-3.0	1.24	1.60
5.0	0.0	4.18	8.60	5.0	0.0	1.21	1.47
5.0	3.0	3.50	6.63	5.0	3.0	1.11	1.23
5.0	5.0	3.00	5.35	5.0	5.0	1.10	1.15
5.0	9.0	2.08	2.70	5.0	9.0	1.05	1.00

REMTECH

ZONE 3 - FORWARD SKIRT

BODY PT NO 8440 XB = 544.0 THB = 90.0				BODY PT NO 8441 XB = 544.0 THB = 135.0			
		MULT3 = 1.00	MULT4 = 1.00			MULT3 = 1.04	MULT4 = 1.04
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	0.61	1.00	-5.0	-9.0	0.43	0.45
-5.0	-5.0	0.52	0.99	-5.0	-5.0	0.23	0.45
-5.0	-3.0	0.59	0.94	-5.0	-3.0	0.19	0.46
-5.0	0.0	0.52	0.83	-5.0	0.0	0.19	0.50
-5.0	3.0	0.54	1.06	-5.0	3.0	0.19	1.07
-5.0	5.0	0.42	0.74	-5.0	5.0	0.20	0.95
-5.0	9.0	0.43	0.54	-5.0	9.0	0.30	0.67
0.0	-9.0	0.61	0.80	0.0	-9.0	0.75	1.05
0.0	-5.0	0.61	0.86	0.0	-5.0	0.78	0.97
0.0	-3.0	0.55	0.79	0.0	-3.0	0.80	0.95
0.0	0.0	0.55	0.93	0.0	0.0	0.67	0.72
0.0	3.0	0.53	0.64	0.0	3.0	0.73	0.61
0.0	5.0	0.50	0.57	0.0	5.0	0.70	0.55
0.0	9.0	0.49	0.54	0.0	9.0	0.63	0.45
5.0	-9.0	0.70	0.90	5.0	-9.0	1.33	2.09
5.0	-5.0	0.61	0.86	5.0	-5.0	1.26	1.75
5.0	-3.0	0.53	0.89	5.0	-3.0	1.24	1.60
5.0	0.0	0.55	0.71	5.0	0.0	1.21	1.47
5.0	3.0	0.47	0.64	5.0	3.0	1.11	1.23
5.0	5.0	0.40	0.54	5.0	5.0	1.10	1.15
5.0	9.0	0.37	0.43	5.0	9.0	1.05	1.00

BODY PT NO 8442 XB = 544.0 THB = 180.0			
T/C = 3003		MULT3 = 1.04	MULT4 = 1.04
ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	1.00	0.48
-5.0	-5.0	0.81	0.49
-5.0	-3.0	0.70	0.50
-5.0	0.0	0.56	0.33
-5.0	3.0	0.35	1.47
-5.0	5.0	0.32	1.24
-5.0	9.0	0.28	0.76
0.0	-9.0	1.23	1.18
0.0	-5.0	1.02	0.83
0.0	-3.0	0.89	0.68
0.0	0.0	0.84	0.44
0.0	3.0	0.75	0.47
0.0	5.0	0.74	0.46
0.0	9.0	0.73	0.45
5.0	-9.0	1.33	1.30
5.0	-5.0	1.18	1.13
5.0	-3.0	1.10	1.05
5.0	0.0	1.00	0.91
5.0	3.0	0.99	0.87
5.0	5.0	0.90	0.81
5.0	9.0	0.83	0.70

REMTECH

ZONE 4 MOTOR CASING

BODY PT NO 41 XB = 620.0 THB = 270.0				BODY PT NO 42 XB = 876.0 THB = 270.0			
		MULT3 = 2.68	MULT4 = 3.20			MULT3 = 2.24	MULT4 = 2.08
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	0.50	0.95	-5.0	-9.0	0.67	0.75
-5.0	-5.0	0.63	0.85	-5.0	-5.0	0.60	0.71
-5.0	-3.0	0.65	0.80	-5.0	-3.0	0.57	0.71
-5.0	0.0	0.68	0.75	-5.0	0.0	0.54	0.61
-5.0	3.0	0.70	0.65	-5.0	3.0	0.51	1.14
-5.0	5.0	0.66	0.63	-5.0	5.0	0.48	0.72
-5.0	9.0	0.65	0.50	-5.0	9.0	0.45	0.45
0.0	-9.0	0.80	0.95	0.0	-9.0	0.91	0.92
0.0	-5.0	0.78	0.85	0.0	-5.0	0.82	0.82
0.0	-3.0	0.75	0.75	0.0	-3.0	0.80	0.76
0.0	0.0	0.70	0.70	0.0	0.0	0.78	0.89
0.0	3.0	0.65	0.68	0.0	3.0	0.60	0.53
0.0	5.0	0.58	0.65	0.0	5.0	0.53	0.52
0.0	9.0	0.40	0.50	0.0	9.0	0.40	0.50
5.0	-9.0	0.73	0.94	5.0	-9.0	0.80	0.65
5.0	-5.0	0.73	0.84	5.0	-5.0	0.77	0.63
5.0	-3.0	0.73	0.79	5.0	-3.0	0.76	0.62
5.0	0.0	0.73	0.74	5.0	0.0	0.75	0.81
5.0	3.0	0.73	0.74	5.0	3.0	0.61	0.65
5.0	5.0	0.63	0.62	5.0	5.0	0.54	0.52
5.0	9.0	0.50	0.49	5.0	9.0	0.40	0.25

BODY PT NO 43 XB=1061.0 THB=270.0				BODY PT NO 44 XB = 1237.0 THB = 270.0			
		MULT3 = 1.70	MULT4 = 1.72			MULT3 = 2.50	MULT4 = 2.40
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	0.30	0.75	-5.0	-9.0	0.97	1.30
-5.0	-5.0	0.47	1.03	-5.0	-5.0	0.90	0.87
-5.0	-3.0	0.55	1.20	-5.0	-3.0	0.87	0.97
-5.0	0.0	0.63	1.40	-5.0	0.0	0.70	0.83
-5.0	3.0	0.78	1.63	-5.0	3.0	0.60	0.96
-5.0	5.0	1.01	1.71	-5.0	5.0	0.39	0.57
-5.0	9.0	1.40	2.05	-5.0	9.0	0.23	0.80
0.0	-9.0	0.87	0.90	0.0	-9.0	0.87	0.94
0.0	-5.0	0.85	1.19	0.0	-5.0	0.80	0.85
0.0	-3.0	0.83	1.29	0.0	-3.0	0.75	0.80
0.0	0.0	0.87	1.22	0.0	0.0	0.90	0.97
0.0	3.0	0.76	1.25	0.0	3.0	0.80	0.75
0.0	5.0	0.68	1.18	0.0	5.0	0.75	0.67
0.0	9.0	0.40	0.90	0.0	9.0	0.60	0.62
5.0	-9.0	1.01	1.25	5.0	-9.0	0.75	0.70
5.0	-5.0	1.03	1.19	5.0	-5.0	0.75	0.67
5.0	-3.0	1.06	1.13	5.0	-3.0	0.77	0.75
5.0	0.0	1.01	1.12	5.0	0.0	0.73	0.65
5.0	3.0	1.06	1.08	5.0	3.0	0.72	0.60
5.0	5.0	1.03	1.07	5.0	5.0	0.75	0.67
5.0	9.0	1.08	1.00	5.0	9.0	0.67	0.63

REMTECH

ZONE 4 MOTOR CASING

BODY PT NO 1004 XB = 719.2 THB = 0.0				BODY PT NO 1005 XB = 892.3 THB = 0.0			
		MULT3 = 1.20	MULT4 = 1.20			MULT3 = 1.20	MULT4 = 1.20
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	1.00	1.05	-5.0	-9.0	0.77	1.26
-5.0	-5.0	0.90	1.00	-5.0	-5.0	1.05	0.90
-5.0	-3.0	0.85	0.90	-5.0	-3.0	1.15	0.50
-5.0	0.0	0.80	0.80	-5.0	0.0	1.40	1.13
-5.0	3.0	0.87	0.75	-5.0	3.0	1.27	1.50
-5.0	5.0	0.90	0.70	-5.0	5.0	1.25	1.55
-5.0	9.0	1.05	0.60	-5.0	9.0	1.10	0.80
0.0	-9.0	1.10	1.30	0.0	-9.0	0.26	1.20
0.0	-5.0	1.05	1.15	0.0	-5.0	0.75	1.10
0.0	-3.0	1.03	0.65	0.0	-3.0	0.85	1.08
0.0	0.0	1.00	0.75	0.0	0.0	1.35	1.06
0.0	3.0	0.92	0.40	0.0	3.0	1.42	1.05
0.0	5.0	0.85	1.35	0.0	5.0	1.50	2.25
0.0	9.0	0.75	0.35	0.0	9.0	1.62	1.32
5.0	-9.0	1.02	1.30	5.0	-9.0	0.66	0.55
5.0	-5.0	0.95	1.10	5.0	-5.0	0.65	0.65
5.0	-3.0	0.88	0.50	5.0	-3.0	0.65	0.75
5.0	0.0	0.85	0.80	5.0	0.0	0.65	0.80
5.0	3.0	0.75	0.30	5.0	3.0	0.95	0.88
5.0	5.0	0.65	0.25	5.0	5.0	1.25	1.00
5.0	9.0	0.55	0.20	5.0	9.0	1.70	1.12

BODY PT NO 1006 XB = 1065.3 THB = 0.0				BODY PT NO 1052 XB = 719.2 THB = 90.0			
		MULT3 = 1.20	MULT4 = 1.20			MULT3 = 1.29	MULT4 = 1.22
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	1.55	1.86	-5.0	-9.0	0.60	0.85
-5.0	-5.0	1.45	1.65	-5.0	-5.0	0.55	0.85
-5.0	-3.0	1.42	1.55	-5.0	-3.0	0.52	0.85
-5.0	0.0	1.35	1.35	-5.0	0.0	0.50	0.85
-5.0	3.0	1.25	1.20	-5.0	3.0	0.55	0.85
-5.0	5.0	1.15	1.15	-5.0	5.0	0.60	0.85
-5.0	9.0	1.00	1.00	-5.0	9.0	0.70	0.85
0.0	-9.0	1.81	1.37	0.0	-9.0	0.50	0.45
0.0	-5.0	1.70	1.60	0.0	-5.0	0.60	0.65
0.0	-3.0	1.65	2.05	0.0	-3.0	0.62	0.70
0.0	0.0	1.60	1.75	0.0	0.0	0.65	0.80
0.0	3.0	1.40	1.50	0.0	3.0	0.68	0.90
0.0	5.0	1.30	1.95	0.0	5.0	0.70	1.00
0.0	9.0	1.05	0.70	0.0	9.0	0.75	1.15
5.0	-9.0	1.25	1.05	5.0	-9.0	0.55	0.62
5.0	-5.0	1.40	1.10	5.0	-5.0	0.50	0.65
5.0	-3.0	1.50	1.15	5.0	-3.0	0.44	0.66
5.0	0.0	1.60	1.25	5.0	0.0	0.42	0.70
5.0	3.0	1.40	1.00	5.0	3.0	0.41	0.73
5.0	5.0	1.30	0.75	5.0	5.0	0.40	0.75
5.0	9.0	1.05	0.50	5.0	9.0	0.35	0.77

REMTECH

ZONE 4 MOTOR CASING

BODY PT NO 1055 XB = 1238.4 THB = 90.0				BODY PT NO 7418 XB = 876.0 THB = 260.0			
		MULT3 = 1.26	MULT4 = 1.14			MULT3 = 1.28	MULT4 = 1.04
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	1.30	1.55	-5.0	-9.0	0.67	0.75
-5.0	-5.0	1.15	1.70	-5.0	-5.0	0.60	0.71
-5.0	-3.0	1.10	0.75	-5.0	-3.0	0.57	0.71
-5.0	0.0	1.00	1.45	-5.0	0.0	0.54	0.61
-5.0	3.0	0.90	2.15	-5.0	3.0	0.51	1.14
-5.0	5.0	0.85	0.85	-5.0	5.0	0.48	0.72
-5.0	9.0	0.75	0.35	-5.0	9.0	0.45	0.45
0.0	-9.0	1.25	1.40	0.0	-9.0	0.91	0.92
0.0	-5.0	1.10	1.35	0.0	-5.0	0.82	0.82
0.0	-3.0	1.03	1.26	0.0	-3.0	0.80	0.76
0.0	0.0	0.95	1.22	0.0	0.0	0.78	0.89
0.0	3.0	0.91	1.17	0.0	3.0	0.60	0.53
0.0	5.0	0.85	1.15	0.0	5.0	0.53	0.52
0.0	9.0	1.01	1.05	0.0	9.0	0.40	0.50
5.0	-9.0	1.22	1.70	5.0	-9.0	0.80	0.65
5.0	-5.0	1.20	1.55	5.0	-5.0	0.77	0.63
5.0	-3.0	1.18	1.55	5.0	-3.0	0.76	0.62
5.0	0.0	1.15	1.35	5.0	0.0	0.75	0.81
5.0	3.0	0.95	1.15	5.0	3.0	0.61	0.65
5.0	5.0	0.85	1.00	5.0	5.0	0.54	0.52
5.0	9.0	0.75	0.75	5.0	9.0	0.40	0.25

BODY PT NO 7419 XB = 1237.0 THB = 0.0				BODY PT NO 7420 XB = 1237.0 THB = 99.0			
T/C = 4026		MULT3 = 1.48	MULT4 = 0.76	T/C = 4026		MULT3 = 1.66	MULT4 = 1.14
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	1.64	2.00	-5.0	-9.0	0.96	1.35
-5.0	-5.0	1.47	1.75	-5.0	-5.0	0.82	0.93
-5.0	-3.0	1.45	1.53	-5.0	-3.0	0.75	1.22
-5.0	0.0	1.23	1.45	-5.0	0.0	0.77	0.70
-5.0	3.0	1.16	1.60	-5.0	3.0	0.88	1.78
-5.0	5.0	0.97	1.20	-5.0	5.0	0.91	0.74
-5.0	9.0	0.70	1.00	-5.0	9.0	0.95	1.00
0.0	-9.0	1.74	2.28	0.0	-9.0	0.68	0.98
0.0	-5.0	1.55	2.03	0.0	-5.0	0.66	0.80
0.0	-3.0	1.45	1.86	0.0	-3.0	0.65	0.64
0.0	0.0	1.35	1.80	0.0	0.0	0.53	0.57
0.0	3.0	1.20	1.26	0.0	3.0	0.79	0.53
0.0	5.0	1.05	1.05	0.0	5.0	0.83	0.57
0.0	9.0	0.77	0.96	0.0	9.0	0.90	0.55
5.0	-9.0	1.13	1.36	5.0	-9.0	1.25	1.45
5.0	-5.0	1.00	1.10	5.0	-5.0	1.29	1.43
5.0	-3.0	0.92	0.97	5.0	-3.0	1.29	1.41
5.0	0.0	0.85	0.75	5.0	0.0	1.17	1.40
5.0	3.0	0.78	1.07	5.0	3.0	1.19	1.14
5.0	5.0	0.76	1.03	5.0	5.0	0.96	0.95
5.0	9.0	0.75	1.03	5.0	9.0	0.75	0.76

REMTECH

ZONE 4 MOTOR CASING

BODY PT NO 7421 XB = 1237.0 THB = 279.0				BODY PT NO 7687 XB = 632.7 THB = 0.0			
T/C = 4026		MULT3 = 1.43	MULT4 = 1.20			MULT3 = 0.99	MULT4 = 2.45
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	0.97	1.30	-5.0	-9.0	0.92	0.95
-5.0	-5.0	0.90	0.87	-5.0	-5.0	0.92	0.70
-5.0	-3.0	0.87	0.97	-5.0	-3.0	0.92	0.45
-5.0	0.0	0.70	0.83	-5.0	0.0	0.92	0.60
-5.0	3.0	0.60	0.96	-5.0	3.0	0.81	0.60
-5.0	5.0	0.39	0.57	-5.0	5.0	0.73	0.70
-5.0	9.0	0.23	0.80	-5.0	9.0	0.54	0.40
0.0	-9.0	0.87	0.94	0.0	-9.0	1.22	1.25
0.0	-5.0	0.80	0.85	0.0	-5.0	1.06	0.85
0.0	-3.0	0.75	0.80	0.0	-3.0	1.03	0.60
0.0	0.0	0.90	0.97	0.0	0.0	0.92	0.55
0.0	3.0	0.80	0.75	0.0	3.0	0.81	0.35
0.0	5.0	0.75	0.67	0.0	5.0	0.73	1.00
0.0	9.0	0.60	0.62	0.0	9.0	0.54	0.30
5.0	-9.0	0.75	0.70	5.0	-9.0	1.03	1.00
5.0	-5.0	0.75	0.67	5.0	-5.0	0.84	0.75
5.0	-3.0	0.77	0.75	5.0	-3.0	0.81	0.45
5.0	0.0	0.73	0.65	5.0	0.0	0.70	0.40
5.0	3.0	0.72	0.60	5.0	3.0	0.59	0.30
5.0	5.0	0.75	0.67	5.0	5.0	0.56	0.20
5.0	9.0	0.67	0.63	5.0	9.0	0.38	0.18

BODY PT NO 7688 XB = 620.0 THB = 90.0				BODY PT NO 7689 XB = 620.0 THB = 180.0			
		MULT3 = 1.29	MULT4 = 1.22			MULT3 = 1.04	MULT4 = 1.01
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	0.60	0.90	-5.0	-9.0	1.00	0.75
-5.0	-5.0	0.55	0.75	-5.0	-5.0	0.75	0.65
-5.0	-3.0	0.55	0.70	-5.0	-3.0	0.65	0.55
-5.0	0.0	0.50	0.62	-5.0	0.0	0.45	0.45
-5.0	3.0	0.45	0.50	-5.0	3.0	0.40	0.40
-5.0	5.0	0.40	0.45	-5.0	5.0	0.30	0.30
-5.0	9.0	0.30	0.38	-5.0	9.0	0.25	0.20
0.0	-9.0	0.35	1.60	0.0	-9.0	1.15	1.05
0.0	-5.0	0.35	0.54	0.0	-5.0	1.00	1.04
0.0	-3.0	0.40	0.51	0.0	-3.0	0.90	1.02
0.0	0.0	0.40	0.50	0.0	0.0	0.80	1.01
0.0	3.0	0.35	0.48	0.0	3.0	0.70	1.00
0.0	5.0	0.35	0.46	0.0	5.0	0.65	0.99
0.0	9.0	0.25	0.40	0.0	9.0	0.50	0.98
5.0	-9.0	0.50	0.75	5.0	-9.0	1.10	1.15
5.0	-5.0	0.45	0.65	5.0	-5.0	0.95	1.00
5.0	-3.0	0.45	0.60	5.0	-3.0	0.90	0.95
5.0	0.0	0.40	0.50	5.0	0.0	0.80	0.89
5.0	3.0	0.35	0.45	5.0	3.0	0.80	0.80
5.0	5.0	0.35	0.40	5.0	5.0	0.80	0.75
5.0	9.0	0.30	0.30	5.0	9.0	0.75	0.65

REMTECH

ZONE 4 MOTOR CASING

BODY PT NO 7690 XB = 620.0 THB = 282.0				BODY PT NO 8437 XB = 1061.0 THB = 90.0			
		MULT3 = 1.53	MULT4 = 1.60			MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M= 3.0	M=4.0	ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	0.50	0.95	-5.0	-9.0	1.13	1.30
-5.0	-5.0	0.63	0.85	-5.0	-5.0	1.19	1.45
-5.0	-3.0	0.65	0.80	-5.0	-3.0	1.22	1.67
-5.0	0.0	0.68	0.75	-5.0	0.0	1.19	1.17
-5.0	3.0	0.70	0.65	-5.0	3.0	1.10	1.63
-5.0	5.0	0.66	0.63	-5.0	5.0	0.95	1.47
-5.0	9.0	0.65	0.50	-5.0	9.0	0.63	1.50
0.0	-9.0	0.80	0.95	0.0	-9.0	0.67	1.00
0.0	-5.0	0.78	0.85	0.0	-5.0	0.67	1.11
0.0	-3.0	0.75	0.75	0.0	-3.0	0.67	1.18
0.0	0.0	0.70	0.70	0.0	0.0	0.63	1.26
0.0	3.0	0.65	0.68	0.0	3.0	0.73	0.97
0.0	5.0	0.58	0.65	0.0	5.0	0.67	0.67
0.0	9.0	0.40	0.50	0.0	9.0	0.56	0.15
5.0	-9.0	0.73	0.94	5.0	-9.0	1.57	1.54
5.0	-5.0	0.73	0.84	5.0	-5.0	1.50	1.57
5.0	-3.0	0.73	0.79	5.0	-3.0	1.43	1.59
5.0	0.0	0.73	0.74	5.0	0.0	1.60	1.50
5.0	3.0	0.73	0.74	5.0	3.0	1.40	1.46
5.0	5.0	0.63	0.62	5.0	5.0	1.23	1.25
5.0	9.0	0.50	0.49	5.0	9.0	0.85	1.05

BODY PT NO 8438 XB = 1061.0 THB = 180.0			
T/C = 3005		MULT3 = 0.97	MULT4 = 0.86
ALPHA	BETA	M= 3.0	M=4.0
-5.0	-9.0	0.30	0.75
-5.0	-5.0	0.47	1.03
-5.0	-3.0	0.55	1.20
-5.0	0.0	0.63	1.40
-5.0	3.0	0.78	1.63
-5.0	5.0	1.01	1.71
-5.0	9.0	1.40	2.05
0.0	-9.0	0.87	0.90
0.0	-5.0	0.85	1.19
0.0	-3.0	0.83	1.29
0.0	0.0	0.87	1.22
0.0	3.0	0.76	1.25
0.0	5.0	0.68	1.18
0.0	9.0	0.40	0.90
5.0	-9.0	1.01	1.25
5.0	-5.0	1.03	1.19
5.0	-3.0	1.06	1.13
5.0	0.0	1.01	1.12
5.0	3.0	1.06	1.08
5.0	5.0	1.03	1.07
5.0	9.0	1.08	1.00

REMTECH

ZONE 5 - MOTOR CASING

BODY PT NO 51 XB = 1411.5 THB = 270.0				BODY PT NO 52 XB = 1498.0 THB = 270.0			
		MULT3 = 2.10	MULT4 = 2.40			MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	1.42	1.80	-5.0	-9.0	0.53	11.97
-5.0	-5.0	1.20	1.70	-5.0	-5.0	0.52	10.18
-5.0	-3.0	1.10	1.60	-5.0	-3.0	0.50	9.63
-5.0	0.0	0.90	1.45	-5.0	0.0	1.38	7.01
-5.0	3.0	0.85	1.35	-5.0	3.0	2.56	9.06
-5.0	5.0	0.75	1.30	-5.0	5.0	3.34	6.86
-5.0	9.0	0.65	1.15	-5.0	9.0	4.78	4.48
0.0	-9.0	1.50	1.70	0.0	-9.0	2.20	4.98
0.0	-5.0	1.40	1.67	0.0	-5.0	2.64	3.19
0.0	-3.0	1.25	1.65	0.0	-3.0	1.64	4.70
0.0	0.0	1.00	1.62	0.0	0.0	4.70	6.45
0.0	3.0	1.00	1.60	0.0	3.0	3.72	4.28
0.0	5.0	1.00	1.58	0.0	5.0	3.24	3.13
0.0	9.0	1.00	1.55	0.0	9.0	4.44	4.00
5.0	-9.0	1.82	1.37	5.0	-9.0	3.05	4.48
5.0	-5.0	1.40	1.32	5.0	-5.0	3.31	4.47
5.0	-3.0	1.20	1.27	5.0	-3.0	3.80	4.31
5.0	0.0	0.90	1.25	5.0	0.0	3.56	4.28
5.0	3.0	0.92	1.20	5.0	3.0	3.23	4.42
5.0	5.0	0.95	1.15	5.0	5.0	3.76	5.10
5.0	9.0	1.00	1.10	5.0	9.0	3.85	6.45

BODY PT NO 53 XB = 1504.0 THB = 270.0				BODY PT NO 54 XB = 1504.0 THB = 67.5			
		MULT3 = 1.68	MULT4 = 1.84			MULT3 = 1.20	MULT4 = 1.20
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	2.35	4.50	-5.0	-9.0	9.65	16.70
-5.0	-5.0	4.65	3.20	-5.0	-5.0	7.85	11.00
-5.0	-3.0	5.90	3.70	-5.0	-3.0	6.75	10.00
-5.0	0.0	7.40	6.90	-5.0	0.0	5.40	8.80
-5.0	3.0	5.05	2.25	-5.0	3.0	6.80	7.50
-5.0	5.0	3.35	2.10	-5.0	5.0	7.70	7.00
-5.0	9.0	0.70	2.45	-5.0	9.0	9.50	2.45
0.0	-9.0	1.20	5.10	0.0	-9.0	10.30	4.00
0.0	-5.0	3.90	4.10	0.0	-5.0	10.30	3.80
0.0	-3.0	5.50	4.00	0.0	-3.0	8.00	4.00
0.0	0.0	7.60	5.10	0.0	0.0	5.40	4.50
0.0	3.0	5.80	1.85	0.0	3.0	4.05	3.00
0.0	5.0	4.75	3.90	0.0	5.0	4.15	2.50
0.0	9.0	2.45	2.70	0.0	9.0	3.05	2.50
5.0	-9.0	1.60	3.00	5.0	-9.0	2.90	4.00
5.0	-5.0	2.10	2.80	5.0	-5.0	3.52	3.80
5.0	-3.0	2.30	3.70	5.0	-3.0	2.30	3.50
5.0	0.0	2.70	3.00	5.0	0.0	2.20	2.50
5.0	3.0	3.80	2.90	5.0	3.0	2.40	2.50
5.0	5.0	4.45	4.75	5.0	5.0	2.60	2.50
5.0	9.0	5.90	1.40	5.0	9.0	3.05	2.40

REMTECH

ZONE 5 - MOTOR CASING

BODY PT NO 55 XB = 1498.0 THB = 135.0				BODY PT NO 56 XB = 1504.0 THB = 225.0			
		MULT3 = 1.00	MULT4 = 1.00			MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	9.65	16.70	-5.0	-9.0	0.53	11.97
-5.0	-5.0	7.85	11.00	-5.0	-5.0	0.52	10.18
-5.0	-3.0	6.75	10.00	-5.0	-3.0	0.50	9.63
-5.0	0.0	5.40	8.80	-5.0	0.0	1.38	7.01
-5.0	3.0	6.80	7.50	-5.0	3.0	2.56	9.06
-5.0	5.0	7.70	7.00	-5.0	5.0	3.34	6.86
-5.0	9.0	9.50	2.45	-5.0	9.0	4.78	4.48
0.0	-9.0	10.30	4.00	0.0	-9.0	2.20	4.98
0.0	-5.0	10.30	3.80	0.0	-5.0	2.64	3.19
0.0	-3.0	8.05	4.00	0.0	-3.0	1.64	4.70
0.0	0.0	5.40	4.50	0.0	0.0	4.70	6.45
0.0	3.0	4.05	3.00	0.0	3.0	3.72	4.28
0.0	5.0	4.15	2.50	0.0	5.0	3.24	3.13
0.0	9.0	3.05	2.50	0.0	9.0	4.44	4.00
5.0	-9.0	2.90	4.00	5.0	-9.0	3.05	4.48
5.0	-5.0	3.52	3.80	5.0	-5.0	3.31	4.47
5.0	-3.0	2.30	3.50	5.0	-3.0	3.80	4.31
5.0	0.0	2.20	2.50	5.0	0.0	3.56	4.28
5.0	3.0	2.40	2.50	5.0	3.0	3.23	4.42
5.0	5.0	2.60	2.50	5.0	5.0	3.76	5.10
5.0	9.0	3.05	2.40	5.0	9.0	3.85	6.45

BODY PT NO 57 XB = 1504.0 THB = 315.0				BODY PT NO 58 XB = 1504.0 THB = 270.0			
		MULT3 = 1.00	MULT4 = 1.00			MULT3 = 3.00	MULT4 = 4.00
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	0.53	11.97	-5.0	-9.0	0.60	1.20
-5.0	-5.0	0.52	10.18	-5.0	-5.0	0.40	1.05
-5.0	-3.0	0.50	9.63	-5.0	-3.0	0.30	0.95
-5.0	0.0	1.38	7.01	-5.0	0.0	0.18	0.90
-5.0	3.0	2.56	9.06	-5.0	3.0	0.65	0.75
-5.0	5.0	3.34	6.86	-5.0	5.0	1.00	0.65
-5.0	9.0	4.78	4.48	-5.0	9.0	1.75	0.50
0.0	-9.0	2.20	4.98	0.0	-9.0	0.47	0.90
0.0	-5.0	2.64	3.19	0.0	-5.0	0.60	0.75
0.0	-3.0	1.64	4.70	0.0	-3.0	0.65	0.65
0.0	0.0	4.70	6.45	0.0	0.0	0.75	0.60
0.0	3.0	3.72	4.28	0.0	3.0	1.00	0.50
0.0	5.0	3.24	3.13	0.0	5.0	1.15	0.45
0.0	9.0	4.44	4.00	0.0	9.0	1.44	0.35
5.0	-9.0	3.05	4.48	5.0	-9.0	1.25	1.00
5.0	-5.0	3.31	4.47	5.0	-5.0	1.00	0.85
5.0	-3.0	3.80	4.31	5.0	-3.0	0.86	0.80
5.0	0.0	3.56	4.28	5.0	0.0	0.70	0.68
5.0	3.0	3.23	4.42	5.0	3.0	0.75	0.65
5.0	5.0	3.76	5.10	5.0	5.0	0.80	0.55
5.0	9.0	3.85	6.45	5.0	9.0	0.90	0.40

REMTECH

ZONE 5 - MOTOR CASING

BODY PT NO 1010 XB = 1411.5 THB = 0.0				BODY PT NO 1011 XB = 1498.0 THB = 0.0			
		MULT3 = 1.20	MULT4 = 1.20			MULT3 = 2.00	MULT4 = 2.00
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	1.42	1.80	-5.0	-9.0	2.25	2.95
-5.0	-5.0	1.20	1.70	-5.0	-5.0	2.25	2.25
-5.0	-3.0	1.10	1.60	-5.0	-3.0	1.80	0.75
-5.0	0.0	0.90	1.45	-5.0	0.0	1.40	1.05
-5.0	3.0	0.85	1.35	-5.0	3.0	2.00	1.05
-5.0	5.0	0.75	1.30	-5.0	5.0	2.35	3.08
-5.0	9.0	0.65	1.15	-5.0	9.0	2.37	1.80
0.0	-9.0	1.50	1.70	0.0	-9.0	1.50	2.05
0.0	-5.0	1.40	1.67	0.0	-5.0	1.65	3.00
0.0	-3.0	1.25	1.65	0.0	-3.0	1.67	1.37
0.0	0.0	1.00	1.62	0.0	0.0	1.70	1.95
0.0	3.0	1.00	1.60	0.0	3.0	2.90	1.80
0.0	5.0	1.00	1.58	0.0	5.0	3.70	5.55
0.0	9.0	1.00	1.55	0.0	9.0	3.70	2.00
5.0	-9.0	1.82	1.37	5.0	-9.0	4.60	1.95
5.0	-5.0	1.40	1.32	5.0	-5.0	4.60	1.20
5.0	-3.0	1.20	1.27	5.0	-3.0	3.50	1.37
5.0	0.0	0.90	1.25	5.0	0.0	1.70	1.65
5.0	3.0	0.92	1.20	5.0	3.0	2.35	2.40
5.0	5.0	0.95	1.15	5.0	5.0	2.75	4.65
5.0	9.0	1.00	1.10	5.0	9.0	2.75	1.40

BODY PT NO 1012 XB = 1584.5 THB = 0.0				BODY PT NO 1057 XB = 1498.0 THB = 90.0			
		MULT3 = 1.00	MULT4 = 1.00			MULT3 = 1.20	MULT4 = 1.20
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	1.60	1.80	-5.0	-9.0	2.40	6.60
-5.0	-5.0	1.95	1.90	-5.0	-5.0	2.90	6.80
-5.0	-3.0	2.08	0.75	-5.0	-3.0	3.05	6.00
-5.0	0.0	2.35	2.00	-5.0	0.0	3.40	4.70
-5.0	3.0	1.77	1.20	-5.0	3.0	2.50	4.10
-5.0	5.0	1.45	0.75	-5.0	6.0	2.20	3.70
-5.0	9.0	0.68	1.40	-5.0	9.0	1.30	1.85
0.0	-9.0	0.68	2.33	0.0	-9.0	11.00	4.60
0.0	-5.0	2.05	2.95	0.0	-5.0	7.60	6.25
0.0	-3.0	2.75	1.35	0.0	-3.0	6.00	5.80
0.0	0.0	3.75	2.25	0.0	0.0	3.40	5.30
0.0	3.0	2.75	1.65	0.0	3.0	3.05	4.50
0.0	5.0	1.50	2.30	0.0	5.0	2.80	3.95
0.0	9.0	0.10	0.50	0.0	9.0	2.30	0.85
5.0	-9.0	4.37	1.00	5.0	-9.0	1.02	4.75
5.0	-5.0	3.70	1.90	5.0	-5.0	1.45	3.80
5.0	-3.0	3.35	1.45	5.0	-3.0	1.58	3.40
5.0	0.0	2.85	2.85	5.0	0.0	1.80	2.55
5.0	3.0	2.80	2.37	5.0	3.0	1.70	1.80
5.0	5.0	2.75	1.70	5.0	5.0	1.50	1.55
5.0	9.0	2.65	0.62	5.0	9.0	1.30	0.90

REMTECH

ZONE 5 - MOTOR CASING

BODY PT NO 1058 XB = 1584.5 THB = 90.0				BODY PT NO 1242 XB = 1481.5 THB = 0.0			
		MULT3 = 1.00	MULT4 = 1.00			MULT3 = 1.20	MULT4 = 1.20
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	1.72	2.00	-5.0	-9.0	2.35	3.60
-5.0	-5.0	1.65	1.90	-5.0	-5.0	2.35	2.65
-5.0	-3.0	1.62	1.85	-5.0	-3.0	2.20	2.25
-5.0	0.0	1.56	1.75	-5.0	0.0	1.70	2.20
-5.0	3.0	1.52	1.70	-5.0	3.0	2.10	3.70
-5.0	5.0	1.47	1.65	-5.0	5.0	2.15	2.75
-5.0	9.0	1.38	1.50	-5.0	9.0	2.51	1.80
0.0	-9.0	1.20	1.25	0.0	-9.0	2.30	3.85
0.0	-5.0	1.11	1.15	0.0	-5.0	2.30	3.40
0.0	-3.0	1.00	1.10	0.0	-3.0	2.10	2.80
0.0	0.0	0.62	0.98	0.0	0.0	1.75	2.20
0.0	3.0	0.56	0.88	0.0	3.0	2.60	2.50
0.0	5.0	0.55	0.85	0.0	5.0	3.15	3.20
0.0	9.0	0.47	0.70	0.0	9.0	3.15	1.80
5.0	-9.0	1.22	1.27	5.0	-9.0	3.20	2.20
5.0	-5.0	1.20	1.22	5.0	-5.0	3.25	1.60
5.0	-3.0	1.15	1.18	5.0	-3.0	2.85	1.70
5.0	0.0	1.11	1.15	5.0	0.0	1.55	2.10
5.0	3.0	1.00	1.11	5.0	3.0	2.10	2.15
5.0	5.0	0.95	1.05	5.0	5.0	2.40	3.70
5.0	9.0	0.90	0.95	5.0	9.0	2.40	1.40

BODY PT NO 1338 XB = 1498.0 THB = 263.0				BODY PT NO 1369 XB = 1498.0 THB = 22.5			
		MULT3 = 1.20	MULT4 = 1.20			MULT3 = 1.20	MULT4 = 1.20
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	0.60	1.20	-5.0	-9.0	2.35	4.50
-5.0	-5.0	0.40	1.05	-5.0	-5.0	4.65	3.20
-5.0	-3.0	0.30	0.95	-5.0	-3.0	5.90	3.70
-5.0	0.0	0.18	0.90	-5.0	0.0	7.40	6.90
-5.0	3.0	0.65	0.75	-5.0	3.0	5.05	2.25
-5.0	5.0	1.00	0.65	-5.0	5.0	3.35	2.10
-5.0	9.0	1.75	0.50	-5.0	9.0	0.70	2.45
0.0	-9.0	0.47	0.90	0.0	-9.0	1.20	5.10
0.0	-5.0	0.60	0.75	0.0	-5.0	3.90	4.10
0.0	-3.0	0.65	0.65	0.0	-3.0	5.50	4.00
0.0	0.0	0.75	0.60	0.0	0.0	7.60	5.10
0.0	3.0	1.00	0.50	0.0	3.0	5.80	1.85
0.0	5.0	1.15	0.45	0.0	5.0	4.75	3.90
0.0	9.0	1.44	0.35	0.0	9.0	2.45	2.70
5.0	-9.0	1.25	1.00	5.0	-9.0	1.60	3.00
5.0	-5.0	1.00	0.85	5.0	-5.0	2.10	2.80
5.0	-3.0	0.86	0.80	5.0	-3.0	2.30	3.70
5.0	0.0	0.70	0.68	5.0	0.0	2.70	3.00
5.0	3.0	0.75	0.65	5.0	3.0	3.80	2.90
5.0	5.0	0.80	0.55	5.0	5.0	4.45	4.75
5.0	9.0	0.90	0.40	5.0	9.0	5.90	1.40

REMTECH

ZONE 5 - MOTOR CASING

BODY PT NO 1384 XB = 1498.0 THB = 67.5				BODY PT NO 7414 XB = 1504.0 THB = 0.0			
		MULT3 = 1.20	MULT4 = 1.20			MULT3 = 1.69	MULT4 = 1.69
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	9.65	16.70	-5.0	-9.0	2.18	3.04
-5.0	-5.0	7.85	11.00	-5.0	-5.0	3.70	4.19
-5.0	-3.0	6.75	10.00	-5.0	-3.0	4.40	6.36
-5.0	0.0	5.40	8.80	-5.0	0.0	4.90	7.65
-5.0	3.0	6.80	7.50	-5.0	3.0	4.72	7.70
-5.0	5.0	7.70	7.00	-5.0	5.0	4.68	7.60
-5.0	9.0	9.50	2.45	-5.0	9.0	4.08	5.68
0.0	-9.0	10.30	4.00	0.0	-9.0	3.12	3.74
0.0	-5.0	10.30	3.80	0.0	-5.0	3.20	3.79
0.0	-3.0	8.05	4.00	0.0	-3.0	3.30	4.10
0.0	0.0	5.40	4.50	0.0	0.0	3.47	4.60
0.0	3.0	4.05	3.00	0.0	3.0	4.30	5.75
0.0	5.0	4.15	2.50	0.0	5.0	4.82	6.40
0.0	9.0	3.05	2.50	0.0	9.0	6.10	8.60
5.0	-9.0	2.90	4.00	5.0	-9.0	2.28	3.10
5.0	-5.0	3.52	3.80	5.0	-5.0	2.74	3.20
5.0	-3.0	2.30	3.50	5.0	-3.0	3.12	3.75
5.0	0.0	2.20	2.50	5.0	0.0	3.72	4.64
5.0	3.0	2.40	2.50	5.0	3.0	4.40	6.65
5.0	5.0	2.60	2.50	5.0	5.0	4.68	7.20
5.0	9.0	3.05	2.40	5.0	9.0	5.60	10.10

BODY PT NO 7424 XB = 1504.0 THB = 90.0			
		MULT3 = 1.36	MULT4 = 1.36
ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	2.95	7.64
-5.0	-5.0	2.94	8.88
-5.0	-3.0	3.04	11.28
-5.0	0.0	3.62	9.03
-5.0	3.0	2.61	7.84
-5.0	5.0	2.98	6.53
-5.0	9.0	3.05	4.24
0.0	-9.0	4.02	2.76
0.0	-5.0	3.71	3.06
0.0	-3.0	3.65	3.52
0.0	0.0	3.53	7.68
0.0	3.0	2.91	3.64
0.0	5.0	2.82	1.21
0.0	9.0	2.49	3.64
5.0	-9.0	1.65	4.61
5.0	-5.0	1.75	4.63
5.0	-3.0	1.77	4.64
5.0	0.0	1.50	1.76
5.0	3.0	2.41	4.12
5.0	5.0	3.21	6.14
5.0	9.0	4.69	9.97

REMTECH

ZONE 5 - MOTOR CASING

BODY PT NO 7425 XB = 1504.0 THB = 180.0				BODY PT NO 7685 XB = 1530.0 THB = 225.0			
		MULT3 = 1.00	MULT4 = 1.00			MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	0.53	11.97	-5.0	-9.0	0.72	0.70
-5.0	-5.0	0.52	10.18	-5.0	-5.0	0.85	0.80
-5.0	-3.0	0.50	9.63	-5.0	-3.0	0.90	0.86
-5.0	0.0	1.38	7.01	-5.0	0.0	1.00	0.95
-5.0	3.0	2.56	9.06	-5.0	3.0	0.65	1.00
-5.0	5.0	3.34	6.86	-5.0	5.0	0.50	1.05
-5.0	9.0	4.78	4.48	-5.0	9.0	0.10	1.15
0.0	-9.0	2.20	4.98	0.0	-9.0	1.15	1.40
0.0	-5.0	2.64	3.19	0.0	-5.0	1.15	1.40
0.0	-3.0	1.64	4.70	0.0	-3.0	1.15	1.40
0.0	0.0	4.70	6.45	0.0	0.0	1.15	1.40
0.0	3.0	3.72	4.28	0.0	3.0	1.15	1.40
0.0	5.0	3.24	3.13	0.0	5.0	1.15	1.40
0.0	9.0	4.44	4.00	0.0	9.0	1.15	1.40
5.0	-9.0	3.05	4.48	5.0	-9.0	0.22	0.88
5.0	-5.0	3.31	4.47	5.0	-5.0	0.55	1.00
5.0	-3.0	3.80	4.31	5.0	-3.0	0.72	1.07
5.0	0.0	3.56	4.28	5.0	0.0	0.95	1.16
5.0	3.0	3.23	4.42	5.0	3.0	1.02	1.25
5.0	5.0	3.76	5.10	5.0	5.0	1.10	1.31
5.0	9.0	3.85	6.50	5.0	9.0	1.22	1.45

BODY PT NO 7686 XB = 1527.0 THB = 0.0			
		MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	0.75	1.20
-5.0	-5.0	0.75	1.15
-5.0	-3.0	0.70	1.00
-5.0	0.0	0.65	1.07
-5.0	3.0	0.67	1.10
-5.0	5.0	0.70	0.95
-5.0	9.0	0.75	0.80
0.0	-9.0	0.75	1.45
0.0	-5.0	0.75	1.30
0.0	-3.0	0.75	1.22
0.0	0.0	0.70	1.10
0.0	3.0	0.50	1.00
0.0	5.0	0.35	0.87
0.0	9.0	0.35	0.75
5.0	-9.0	1.10	1.87
5.0	-5.0	1.00	1.90
5.0	-3.0	0.98	1.85
5.0	0.0	0.95	1.84
5.0	3.0	1.00	1.83
5.0	5.0	1.05	1.82
5.0	9.0	3.85	6.50

REMTECH

ZONE 5 - MOTOR CASING

BODY PT NO 8439 XB = 1397.0 THB = 90.0			
MULT3 = 2.10 MULT4 = 2.10			
ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	1.15	1.25
-5.0	-5.0	1.00	1.00
-5.0	-3.0	0.90	0.90
-5.0	0.0	0.85	0.80
-5.0	3.0	1.00	0.75
-5.0	5.0	1.10	0.65
-5.0	9.0	1.37	0.60
0.0	-9.0	1.00	1.50
0.0	-5.0	1.05	1.25
0.0	-3.0	1.10	1.20
0.0	0.0	1.15	1.15
0.0	3.0	0.85	1.10
0.0	5.0	1.00	1.05
0.0	9.0	1.15	1.00
5.0	-9.0	1.80	1.30
5.0	-5.0	1.85	1.28
5.0	-3.0	1.87	1.27
5.0	0.0	1.90	1.26
5.0	3.0	1.95	1.25
5.0	5.0	1.97	1.24
5.0	9.0	2.00	1.23

REMTECH

ZONE 6 - MOTOR CASING

BODY PT NO 61 XB = 1637.5 THB = 0.0				BODY PT NO 62 XB = 1714.3 THB = 0.0			
		MULT3 = 1.00	MULT4 = 1.00			MULT3 = 1.43	MULT4 = 1.43
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	1.60	1.80	-5.0	-9.0	2.46	2.30
-5.0	-5.0	1.95	1.90	-5.0	-5.0	2.00	1.30
-5.0	-3.0	2.08	0.75	-5.0	-3.0	1.75	1.40
-5.0	0.0	2.35	2.00	-5.0	0.0	1.40	1.60
-5.0	3.0	1.77	1.20	-5.0	3.0	1.00	1.00
-5.0	5.0	1.45	0.75	-5.0	5.0	0.70	0.55
-5.0	9.0	0.68	1.40	-5.0	9.0	0.17	0.30
0.0	-9.0	0.68	2.33	0.0	-9.0	0.90	3.40
0.0	-5.0	2.05	2.95	0.0	-5.0	1.50	1.65
0.0	-3.0	2.75	1.35	0.0	-3.0	1.75	1.72
0.0	0.0	3.75	2.25	0.0	0.0	2.20	2.05
0.0	3.0	2.75	1.65	0.0	3.0	2.00	2.52
0.0	5.0	1.50	2.30	0.0	5.0	1.90	2.90
0.0	9.0	0.10	0.50	0.0	9.0	1.68	0.50
5.0	-9.0	4.37	1.00	5.0	-9.0	2.65	1.80
5.0	-5.0	3.70	1.90	5.0	-5.0	2.50	1.60
5.0	-3.0	3.35	1.45	5.0	-3.0	2.12	2.00
5.0	0.0	2.85	2.85	5.0	0.0	1.85	2.50
5.0	3.0	2.80	2.37	5.0	3.0	2.15	2.25
5.0	5.0	2.75	1.70	5.0	5.0	2.35	2.15
5.0	9.0	2.65	0.62	5.0	9.0	2.72	0.85

BODY PT NO 63 XB = 1733.3 THB = 0.0				BODY PT NO 64 XB = 1733.3 THB = 0.0			
		MULT3 = 2.00	MULT4 = 2.00			MULT3 = 4.00	MULT4 = 4.00
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	2.46	2.30	-5.0	-9.0	2.46	2.30
-5.0	-5.0	2.00	1.30	-5.0	-5.0	2.00	1.30
-5.0	-3.0	1.75	1.40	-5.0	-3.0	1.75	1.40
-5.0	0.0	1.40	1.60	-5.0	0.0	1.40	1.60
-5.0	3.0	1.00	1.00	-5.0	3.0	1.00	1.00
-5.0	5.0	0.70	0.55	-5.0	5.0	0.70	0.55
-5.0	9.0	0.17	0.30	-5.0	9.0	0.17	0.30
0.0	-9.0	0.90	3.40	0.0	-9.0	0.90	3.40
0.0	-5.0	1.50	1.65	0.0	-5.0	1.50	1.65
0.0	-3.0	1.75	1.72	0.0	-3.0	1.75	1.72
0.0	0.0	2.20	2.05	0.0	0.0	2.20	2.05
0.0	3.0	2.00	2.52	0.0	3.0	2.00	2.52
0.0	5.0	1.90	2.90	0.0	5.0	1.90	2.90
0.0	9.0	1.68	0.50	0.0	9.0	1.68	0.50
5.0	-9.0	2.65	1.80	5.0	-9.0	2.65	1.80
5.0	-5.0	2.50	1.60	5.0	-5.0	2.50	1.60
5.0	-3.0	2.12	2.00	5.0	-3.0	2.12	2.00
5.0	0.0	1.85	2.50	5.0	0.0	1.85	2.50
5.0	3.0	2.15	2.25	5.0	3.0	2.15	2.25
5.0	5.0	2.35	2.15	5.0	5.0	2.35	2.15
5.0	9.0	2.72	0.85	5.0	9.0	2.72	0.85

REMTECH

ZONE 6 - MOTOR CASING

BODY PT NO 65 XB = 1733.3 THB = 0.0				BODY PT NO 66 XB = 1838.0 THB = 0.0			
		MULT3 = 2.00	MULT4 = 2.00			MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	2.46	2.30	-5.0	-9.0	5.84	3.44
-5.0	-5.0	2.00	1.30	-5.0	-5.0	4.48	3.09
-5.0	-3.0	1.75	1.40	-5.0	-3.0	3.85	2.93
-5.0	0.0	1.40	1.60	-5.0	0.0	3.23	3.39
-5.0	3.0	1.00	1.00	-5.0	3.0	1.80	5.40
-5.0	5.0	0.70	0.55	-5.0	5.0	1.13	4.61
-5.0	9.0	0.17	0.30	-5.0	9.0	0.00	3.66
0.0	-9.0	0.90	3.40	0.0	-9.0	3.61	8.75
0.0	-5.0	1.50	1.65	0.0	-5.0	4.82	6.66
0.0	-3.0	1.75	1.72	0.0	-3.0	5.46	5.75
0.0	0.0	2.20	2.05	0.0	0.0	2.93	3.66
0.0	3.0	2.00	2.52	0.0	3.0	1.67	1.86
0.0	5.0	1.90	2.90	0.0	5.0	1.50	1.49
0.0	9.0	1.68	0.50	0.0	9.0	1.21	0.79
5.0	-9.0	2.65	1.80	5.0	-9.0	3.46	1.99
5.0	-5.0	2.50	1.60	5.0	-5.0	2.61	2.65
5.0	-3.0	2.12	2.00	5.0	-3.0	2.24	2.97
5.0	0.0	1.85	2.50	5.0	0.0	2.42	6.72
5.0	3.0	2.15	2.25	5.0	3.0	2.28	2.44
5.0	5.0	2.35	2.15	5.0	5.0	2.05	1.86
5.0	9.0	2.72	0.85	5.0	9.0	1.60	0.79

BODY PT NO 67 XB = 1637.5 THB = 90.0				BODY PT NO 68 XB = 1714.3 THB = 180.0			
		MULT3 = 1.00	MULT4 = 1.00			MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	1.72	2.00	-5.0	-9.0	1.50	2.47
-5.0	-5.0	1.65	1.90	-5.0	-5.0	1.15	1.90
-5.0	-3.0	1.62	1.85	-5.0	-3.0	0.95	1.57
-5.0	0.0	1.56	1.75	-5.0	0.0	0.70	1.15
-5.0	3.0	1.52	1.70	-5.0	3.0	0.85	1.40
-5.0	5.0	1.47	1.65	-5.0	5.0	0.97	1.60
-5.0	9.0	1.38	1.50	-5.0	9.0	1.20	1.98
0.0	-9.0	1.20	1.25	0.0	-9.0	2.32	3.83
0.0	-5.0	1.11	1.15	0.0	-5.0	1.55	2.56
0.0	-3.0	1.00	1.10	0.0	-3.0	1.15	1.90
0.0	0.0	0.62	0.98	0.0	0.0	0.57	0.94
0.0	3.0	0.56	0.88	0.0	3.0	0.91	1.50
0.0	5.0	0.55	0.85	0.0	5.0	1.15	1.87
0.0	9.0	0.47	0.70	0.0	9.0	1.65	2.56
5.0	-9.0	1.22	1.27	5.0	-9.0	0.72	1.19
5.0	-5.0	1.20	1.22	5.0	-5.0	0.77	1.27
5.0	-3.0	1.15	1.18	5.0	-3.0	0.81	1.34
5.0	0.0	1.11	1.15	5.0	0.0	0.84	1.39
5.0	3.0	1.00	1.11	5.0	3.0	0.83	1.37
5.0	5.0	0.95	1.05	5.0	5.0	0.80	1.32
5.0	9.0	0.90	0.95	5.0	9.0	0.77	1.27

REMTECH

ZONE 6 - MOTOR CASING

BODY PT NO 69 XB = 1838.0 THB = 180.0				BODY PT NO 1013 XB = 1714.3 THB = 0.0			
		MULT3 = 1.00	MULT4 = 1.00			MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	0.00	4.49	-5.0	-9.0	2.46	2.30
-5.0	-5.0	0.80	6.18	-5.0	-5.0	2.00	1.30
-5.0	-3.0	1.28	7.20	-5.0	-3.0	1.75	1.40
-5.0	0.0	1.35	6.07	-5.0	0.0	1.40	1.60
-5.0	3.0	2.54	4.69	-5.0	3.0	1.00	1.00
-5.0	5.0	2.43	3.38	-5.0	5.0	0.70	0.55
-5.0	9.0	2.20	0.76	-5.0	9.0	0.17	0.30
0.0	-9.0	0.82	0.69	0.0	-9.0	0.90	3.40
0.0	-5.0	0.80	1.01	0.0	-5.0	1.50	1.65
0.0	-3.0	0.79	1.18	0.0	-3.0	1.75	1.72
0.0	0.0	1.22	3.56	0.0	0.0	2.20	2.05
0.0	3.0	0.99	0.96	0.0	3.0	2.00	2.52
0.0	5.0	1.01	1.19	0.0	5.0	1.90	2.90
0.0	9.0	1.05	1.36	0.0	9.0	1.68	0.50
5.0	-9.0	1.05	2.20	5.0	-9.0	2.65	1.80
5.0	-5.0	1.22	1.52	5.0	-5.0	2.50	1.60
5.0	-3.0	1.28	1.20	5.0	-3.0	2.12	2.00
5.0	0.0	1.61	1.23	5.0	0.0	1.85	2.50
5.0	3.0	2.42	1.54	5.0	3.0	2.15	2.25
5.0	5.0	2.22	1.38	5.0	5.0	2.35	2.15
5.0	9.0	1.80	1.05	5.0	9.0	2.72	0.85

BODY PT NO 1015 XB = 1825.1 THB = 0.0				BODY PT NO 1059 XB = 1714.3 THB = 90.0			
		MULT3 = 1.00	MULT4 = 1.00			MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	3.30	2.40	-5.0	-9.0	0.40	0.45
-5.0	-5.0	2.35	2.00	-5.0	-5.0	0.50	0.45
-5.0	-3.0	1.82	1.82	-5.0	-3.0	0.57	0.50
-5.0	0.0	1.10	1.55	-5.0	0.0	0.70	0.60
-5.0	3.0	0.90	1.15	-5.0	3.0	0.52	0.50
-5.0	5.0	0.85	1.00	-5.0	5.0	0.40	0.40
-5.0	9.0	0.60	0.50	-5.0	9.0	0.20	0.40
0.0	-9.0	2.42	2.12	0.0	-9.0	0.72	0.60
0.0	-5.0	2.10	2.25	0.0	-5.0	0.72	0.70
0.0	-3.0	1.90	2.30	0.0	-3.0	0.72	0.75
0.0	0.0	1.70	2.35	0.0	0.0	0.70	0.80
0.0	3.0	1.48	2.15	0.0	3.0	0.62	0.76
0.0	5.0	1.35	2.00	0.0	5.0	0.55	0.75
0.0	9.0	1.03	1.70	0.0	9.0	0.40	0.70
5.0	-9.0	3.90	1.80	5.0	-9.0	0.70	0.63
5.0	-5.0	3.15	1.75	5.0	-5.0	0.65	0.60
5.0	-3.0	2.75	1.72	5.0	-3.0	0.62	0.60
5.0	0.0	2.20	1.70	5.0	0.0	0.60	0.60
5.0	3.0	2.15	1.70	5.0	3.0	0.64	0.62
5.0	5.0	2.10	1.70	5.0	5.0	0.75	0.65
5.0	9.0	2.00	1.70	5.0	9.0	0.85	0.68

REMTECH

ZONE 6 - MOTOR CASING

BODY PT NO 1060 XB = 1800.8 THB = 90.0				BODY PT NO 1253 XB = 1813.0 THB = 180.0			
		MULT3 = 1.00	MULT4 = 1.00			MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	0.40	0.60	-5.0	-9.0	0.25	0.40
-5.0	-5.0	0.55	0.50	-5.0	-5.0	0.60	0.85
-5.0	-3.0	0.65	0.60	-5.0	-3.0	0.75	0.50
-5.0	0.0	0.75	0.65	-5.0	0.0	1.00	1.05
-5.0	3.0	0.65	0.74	-5.0	3.0	1.00	0.80
-5.0	5.0	0.55	0.40	-5.0	5.0	1.00	1.20
-5.0	9.0	0.40	0.20	-5.0	9.0	1.00	0.75
0.0	-9.0	0.35	0.75	0.0	-9.0	0.50	0.80
0.0	-5.0	0.50	0.65	0.0	-5.0	0.55	0.65
0.0	-3.0	0.56	0.60	0.0	-3.0	0.58	0.85
0.0	0.0	0.70	0.65	0.0	0.0	0.60	0.70
0.0	3.0	0.65	0.50	0.0	3.0	0.68	0.60
0.0	5.0	0.55	0.75	0.0	5.0	0.70	0.70
0.0	9.0	0.40	0.20	0.0	9.0	0.75	0.35
5.0	-9.0	0.42	0.60	5.0	-9.0	0.25	1.00
5.0	-5.0	0.50	0.50	5.0	-5.0	0.40	0.70
5.0	-3.0	0.56	0.58	5.0	-3.0	0.42	1.05
5.0	0.0	0.70	0.75	5.0	0.0	0.50	0.85
5.0	3.0	0.68	0.75	5.0	3.0	0.60	1.10
5.0	5.0	0.65	0.75	5.0	5.0	0.70	0.75
5.0	9.0	0.64	0.35	5.0	9.0	0.88	0.55

BODY PT NO 1260 XB = 1825.1 THB = 180.0				BODY PT NO 1365 XB = 1729.9 THB = 0.0			
		MULT3 = 1.00	MULT4 = 1.00			MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	0.30	0.35	-5.0	-9.0	3.38	1.80
-5.0	-5.0	0.60	0.80	-5.0	-5.0	2.65	1.60
-5.0	-3.0	0.75	0.45	-5.0	-3.0	2.24	1.95
-5.0	0.0	0.95	1.00	-5.0	0.0	1.70	2.25
-5.0	3.0	1.12	0.95	-5.0	3.0	1.00	0.55
-5.0	5.0	1.25	1.50	-5.0	5.0	0.65	0.45
-5.0	9.0	1.49	0.90	-5.0	9.0	0.01	0.25
0.0	-9.0	0.15	0.85	0.0	-9.0	3.92	4.10
0.0	-5.0	0.30	0.65	0.0	-5.0	3.18	2.60
0.0	-3.0	0.35	0.85	0.0	-3.0	2.90	2.10
0.0	0.0	0.45	0.30	0.0	0.0	2.50	3.25
0.0	3.0	0.50	0.65	0.0	3.0	1.75	1.30
0.0	5.0	0.55	0.68	0.0	5.0	1.35	1.15
0.0	9.0	0.67	0.45	0.0	9.0	0.48	1.05
5.0	-9.0	0.40	0.90	5.0	-9.0	0.50	1.20
5.0	-5.0	0.35	0.45	5.0	-5.0	0.75	1.50
5.0	-3.0	0.33	0.55	5.0	-3.0	0.88	1.20
5.0	0.0	0.30	0.30	5.0	0.0	1.05	2.55
5.0	3.0	0.60	1.05	5.0	3.0	1.48	1.65
5.0	5.0	0.80	0.70	5.0	5.0	1.60	1.95
5.0	9.0	1.25	0.60	5.0	9.0	2.00	0.80

REMTECH

ZONE 6 - MOTOR CASING

BODY PT NO 1366 XB = 1769.7 THB = 0.0				BODY PT NO 4220 XB = 1637.5 THB = 180.0			
		MULT3 = 1.00	MULT4 = 1.00			MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	3.55	2.25	-5.0	-9.0	1.50	2.47
-5.0	-5.0	2.60	2.20	-5.0	-5.0	1.15	1.90
-5.0	-3.0	2.00	1.80	-5.0	-3.0	0.95	1.57
-5.0	0.0	1.30	1.85	-5.0	0.0	0.70	1.15
-5.0	3.0	0.85	1.00	-5.0	3.0	0.85	1.40
-5.0	5.0	0.62	0.35	-5.0	5.0	0.97	1.60
-5.0	9.0	0.05	0.35	-5.0	9.0	1.20	1.98
0.0	-9.0	2.75	2.70	0.0	-9.0	2.32	3.83
0.0	-5.0	2.40	2.90	0.0	-5.0	1.55	2.56
0.0	-3.0	2.15	1.70	0.0	-3.0	1.15	1.90
0.0	0.0	1.90	2.35	0.0	0.0	0.57	0.94
0.0	3.0	1.40	0.90	0.0	3.0	0.91	1.50
0.0	5.0	1.17	0.95	0.0	5.0	1.15	1.87
0.0	9.0	0.50	0.90	0.0	9.0	1.65	2.56
5.0	-9.0	0.75	1.50	5.0	-9.0	0.72	1.19
5.0	-5.0	0.80	1.20	5.0	-5.0	0.77	1.27
5.0	-3.0	0.82	1.25	5.0	-3.0	0.81	1.34
5.0	0.0	0.85	2.50	5.0	0.0	0.84	1.39
5.0	3.0	1.15	1.75	5.0	3.0	0.83	1.37
5.0	5.0	1.38	1.85	5.0	5.0	0.80	1.32
5.0	9.0	1.85	0.95	5.0	9.0	0.77	1.27

BODY PT NO 7415 XB = 1838.0 THB = 0.0				BODY PT NO 7416 XB = 1838.0 THB = 280.0			
T/C = 4065		MULT3 = 1.00	MULT4 = 1.00	T/C = 4063		MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	5.84	3.44	-5.0	-9.0	1.77	3.50
-5.0	-5.0	4.48	3.09	-5.0	-5.0	1.82	3.41
-5.0	-3.0	3.85	2.93	-5.0	-3.0	1.83	3.34
-5.0	0.0	3.23	3.39	-5.0	0.0	1.23	1.81
-5.0	3.0	1.80	5.40	-5.0	3.0	0.56	3.51
-5.0	5.0	1.13	4.75	-5.0	5.0	0.55	3.72
-5.0	9.0	0.00	3.40	-5.0	9.0	0.52	4.05
0.0	-9.0	3.61	8.61	0.0	-9.0	2.18	1.85
0.0	-5.0	4.82	6.66	0.0	-5.0	1.58	1.65
0.0	-3.0	5.46	5.75	0.0	-3.0	1.34	1.56
0.0	0.0	2.93	3.66	0.0	0.0	2.21	1.92
0.0	3.0	1.67	1.86	0.0	3.0	2.06	1.76
0.0	5.0	1.50	1.49	0.0	5.0	2.61	2.98
0.0	9.0	1.21	0.79	0.0	9.0	3.16	5.85
5.0	-9.0	3.46	1.99	5.0	-9.0	1.35	2.00
5.0	-5.0	2.61	2.65	5.0	-5.0	1.10	1.35
5.0	-3.0	2.24	2.97	5.0	-3.0	0.96	1.04
5.0	0.0	2.42	6.72	5.0	0.0	1.26	1.09
5.0	3.0	2.28	2.44	5.0	3.0	1.19	1.43
5.0	5.0	2.05	1.86	5.0	5.0	2.08	1.81
5.0	9.0	1.60	0.79	5.0	9.0	3.95	2.65

REMTECH

ZONE 6 - MOTOR CASING

BODY PT NO 7417 XB = 1838.0 THB = 180.0				BODY PT NO 7683 XB = 1785.0 THB = 0.0			
T/C = 4064		MULT3 = 1.00	MULT4 = 1.00			MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	0.00	4.49	-5.0	-9.0	1.60	1.65
-5.0	-5.0	0.80	6.18	-5.0	-5.0	1.25	0.95
-5.0	-3.0	1.28	7.20	-5.0	-3.0	1.07	1.25
-5.0	0.0	1.35	6.07	-5.0	0.0	0.80	0.85
-5.0	3.0	2.54	4.69	-5.0	3.0	0.75	0.85
-5.0	5.0	2.43	3.38	-5.0	5.0	0.70	0.70
-5.0	9.0	2.20	0.76	-5.0	9.0	0.62	0.60
0.0	-9.0	0.82	0.69	0.0	-9.0	1.43	1.82
0.0	-5.0	0.80	1.01	0.0	-5.0	1.30	1.00
0.0	-3.0	0.79	1.18	0.0	-3.0	1.24	1.60
0.0	0.0	1.22	3.56	0.0	0.0	1.15	1.20
0.0	3.0	0.99	0.96	0.0	3.0	1.07	1.30
0.0	5.0	1.01	1.19	0.0	5.0	1.00	1.50
0.0	9.0	1.05	1.36	0.0	9.0	0.88	0.30
5.0	-9.0	1.05	2.20	5.0	-9.0	2.75	3.20
5.0	-5.0	1.22	1.52	5.0	-5.0	2.15	1.20
5.0	-3.0	1.28	1.20	5.0	-3.0	1.85	0.90
5.0	0.0	1.61	1.23	5.0	0.0	1.40	1.20
5.0	3.0	2.42	1.54	5.0	3.0	1.37	1.50
5.0	5.0	2.22	1.38	5.0	5.0	1.35	1.05
5.0	9.0	1.80	1.05	5.0	9.0	1.26	0.77

BODY PT NO 7684 XB = 1785.0 THB = 180.0				BODY PT NO 8447 XB = 1839.0 THB = 35.0			
		MULT3 = 1.00	MULT4 = 1.00	T/C = 3067		MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	0.25	0.40	-5.0	-9.0	0.56	2.50
-5.0	-5.0	0.60	0.85	-5.0	-5.0	0.62	2.03
-5.0	-3.0	0.75	0.50	-5.0	-3.0	0.66	1.80
-5.0	0.0	1.00	1.05	-5.0	0.0	0.97	1.89
-5.0	3.0	1.00	0.80	-5.0	3.0	0.98	1.12
-5.0	5.0	1.00	1.20	-5.0	5.0	0.83	1.07
-5.0	9.0	1.00	0.75	-5.0	9.0	0.52	1.00
0.0	-9.0	0.50	0.80	0.0	-9.0	0.69	0.88
0.0	-5.0	0.55	0.65	0.0	-5.0	0.77	1.17
0.0	-3.0	0.58	0.85	0.0	-3.0	0.81	1.29
0.0	0.0	0.60	0.70	0.0	0.0	1.22	1.64
0.0	3.0	0.68	0.60	0.0	3.0	1.06	0.94
0.0	5.0	0.70	0.70	0.0	5.0	0.96	0.97
0.0	9.0	0.75	0.35	0.0	9.0	0.70	1.00
5.0	-9.0	0.25	1.00	5.0	-9.0	0.54	0.57
5.0	-5.0	0.40	0.70	5.0	-5.0	0.42	0.94
5.0	-3.0	0.42	1.05	5.0	-3.0	0.37	1.17
5.0	0.0	0.50	0.85	5.0	0.0	0.00	1.50
5.0	3.0	0.60	1.10	5.0	3.0	1.03	1.27
5.0	5.0	0.70	0.75	5.0	5.0	1.00	1.16
5.0	9.0	0.88	0.55	5.0	9.0	0.95	1.01

REMTECH

ZONE 6 - MOTOR CASING

BODY PT NO 8448 XB = 1838.0 THB = 48.0			
T/C = 3066 MULT3 = 1.00 MULT4 = 1.00			
ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	0.37	2.35
-5.0	-5.0	0.78	1.94
-5.0	-3.0	0.99	1.73
-5.0	0.0	1.10	1.55
-5.0	3.0	0.60	0.50
-5.0	5.0	0.68	0.74
-5.0	9.0	0.86	1.25
0.0	-9.0	0.00	1.10
0.0	-5.0	0.68	0.67
0.0	-3.0	1.13	0.45
0.0	0.0	1.11	1.61
0.0	3.0	0.79	1.13
0.0	5.0	0.87	1.24
0.0	9.0	1.10	1.39
5.0	-9.0	0.92	0.00
5.0	-5.0	0.67	0.83
5.0	-3.0	0.49	1.49
5.0	0.0	0.36	1.37
5.0	3.0	0.99	1.13
5.0	5.0	0.96	1.10
5.0	9.0	0.92	1.02

REMTECH

ZONE 7 - AFT SKIRT

BODY PT NO 1036 XB = 1896.0 THB = 50.0				BODY PT NO 1061 XB = 1849.3 THB = 90.0			
		MULT3 = 1.00	MULT4 = 1.00			MULT3 = 1.00	MULT4 = 1.60
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	0.50	0.85	-5.0	-9.0	0.49	0.35
-5.0	-5.0	0.50	0.45	-5.0	-5.0	0.45	0.45
-5.0	-3.0	0.61	0.45	-5.0	-3.0	0.44	0.40
-5.0	0.0	0.77	0.30	-5.0	0.0	0.40	0.30
-5.0	3.0	0.72	0.40	-5.0	3.0	0.38	0.24
-5.0	5.0	0.70	0.25	-5.0	5.0	0.30	0.20
-5.0	9.0	0.65	0.40	-5.0	9.0	0.30	0.10
0.0	-9.0	0.71	1.05	0.0	-9.0	0.44	0.45
0.0	-5.0	0.73	0.50	0.0	-5.0	0.40	0.30
0.0	-3.0	0.75	0.60	0.0	-3.0	0.37	0.25
0.0	0.0	0.77	0.50	0.0	0.0	0.35	0.20
0.0	3.0	0.69	0.30	0.0	3.0	0.27	0.22
0.0	5.0	0.65	0.70	0.0	5.0	0.25	0.25
0.0	9.0	0.55	0.30	0.0	9.0	0.25	0.10
5.0	-9.0	0.71	1.45	5.0	-9.0	0.50	0.60
5.0	-5.0	0.50	0.60	5.0	-5.0	0.42	0.40
5.0	-3.0	0.40	0.40	5.0	-3.0	0.39	0.36
5.0	0.0	0.25	0.30	5.0	0.0	0.35	0.30
5.0	3.0	0.63	0.30	5.0	3.0	0.36	0.24
5.0	5.0	0.90	0.60	5.0	5.0	0.40	0.20
5.0	9.0	1.44	0.30	5.0	9.0	0.45	0.15

BODY PT NO 1074 XB = 1849.3 THB = 135.0				BODY PT NO 1134 XB = 1869.4 THB = 315.0			
		MULT3 = 1.00	MULT4 = 1.60			MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	0.82	0.45	-5.0	-9.0	1.40	0.75
-5.0	-5.0	0.80	0.70	-5.0	-5.0	1.05	0.67
-5.0	-3.0	0.78	0.65	-5.0	-3.0	0.87	0.74
-5.0	0.0	0.75	0.55	-5.0	0.0	0.62	0.82
-5.0	3.0	0.54	0.44	-5.0	3.0	0.61	0.74
-5.0	5.0	0.40	0.35	-5.0	5.0	0.60	0.67
-5.0	9.0	0.40	0.20	-5.0	9.0	0.58	0.56
0.0	-9.0	0.25	0.20	0.0	-9.0	1.04	0.68
0.0	-5.0	0.25	0.12	0.0	-5.0	1.02	1.05
0.0	-3.0	0.34	0.22	0.0	-3.0	1.01	1.00
0.0	0.0	0.45	0.35	0.0	0.0	1.00	0.95
0.0	3.0	0.27	0.22	0.0	3.0	0.79	0.67
0.0	5.0	0.15	0.15	0.0	5.0	0.65	0.50
0.0	9.0	0.15	0.10	0.0	9.0	0.37	0.13
5.0	-9.0	0.40	0.40	5.0	-9.0	0.25	0.98
5.0	-5.0	0.40	0.35	5.0	-5.0	0.60	0.95
5.0	-3.0	0.44	0.36	5.0	-3.0	0.77	1.00
5.0	0.0	0.50	0.40	5.0	0.0	1.02	1.04
5.0	3.0	0.40	0.27	5.0	3.0	0.97	0.94
5.0	5.0	0.35	0.20	5.0	5.0	0.95	0.87
5.0	9.0	0.35	0.15	5.0	9.0	0.89	0.75

REMTECH

ZONE 7 - AFT SKIRT

BODY PT NO 1135 XB = 1894.5 THB = 315.0				BODY PT NO 1136 XB = 1920.3 THB = 315.0			
		MULT3 = 1.00	MULT4 = 1.00			MULT3 = 1.00	MULT4 = 1.00
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	0.98	0.95	-5.0	-9.0	0.61	0.39
-5.0	-5.0	0.80	0.70	-5.0	-5.0	0.62	0.39
-5.0	-3.0	0.73	0.72	-5.0	-3.0	0.64	0.41
-5.0	0.0	0.60	0.75	-5.0	0.0	0.66	0.42
-5.0	3.0	0.59	0.77	-5.0	3.0	0.74	0.47
-5.0	5.0	0.58	0.80	-5.0	5.0	0.80	0.51
-5.0	9.0	0.55	0.85	-5.0	9.0	0.92	0.59
0.0	-9.0	1.08	0.78	0.0	-9.0	0.61	0.39
0.0	-5.0	1.02	1.02	0.0	-5.0	0.62	0.39
0.0	-3.0	0.99	0.96	0.0	-3.0	0.64	0.41
0.0	0.0	0.95	0.88	0.0	0.0 * 0.66	0.42	
0.0	3.0	0.74	0.59	0.0	3.0	0.74	0.47
0.0	5.0	0.60	0.40	0.0	5.0	0.80	0.51
0.0	9.0	0.33	0.40	0.0	9.0	0.92	0.59
5.0	-9.0	1.01	1.01	5.0	-9.0	1.19	0.76
5.0	-5.0	1.02	1.02	5.0	-5.0	1.19	0.76
5.0	-3.0	1.03	0.90	5.0	-3.0	1.19	0.76
5.0	0.0	1.03	1.02	5.0	0.0	1.20	0.76
5.0	3.0	0.91	0.89	5.0	3.0	0.60	0.38
5.0	5.0	0.84	0.80	5.0	5.0	0.66	0.42
5.0	9.0	0.69	0.62	5.0	9.0	0.80	0.51

BODY PT NO 1276 XB = 1849.3 THB = 198.0				BODY PT NO 1277 XB = 1849.3 THB = 238.0			
		MULT3 = 1.00	MULT4 = 1.60			MULT3 = 1.00	MULT4 = 1.60
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	0.45	0.40	-5.0	-9.0	0.23	0.35
-5.0	-5.0	0.45	0.55	-5.0	-5.0	0.30	0.22
-5.0	-3.0	0.57	0.57	-5.0	-3.0	0.34	0.20
-5.0	0.0	0.75	0.60	-5.0	0.0	0.40	0.35
-5.0	3.0	0.84	0.75	-5.0	3.0	0.55	0.45
-5.0	5.0	0.90	0.85	-5.0	5.0	0.65	0.50
-5.0	9.0	1.02	0.60	-5.0	9.0	0.83	0.65
0.0	-9.0	0.20	0.55	0.0	-9.0	0.59	0.82
0.0	-5.0	0.46	0.45	0.0	-5.0	0.50	0.50
0.0	-3.0	0.60	0.55	0.0	-3.0	0.45	0.45
0.0	0.0	0.72	0.70	0.0	0.0	0.40	0.40
0.0	3.0	0.61	0.52	0.0	3.0	0.64	0.62
0.0	5.0	0.55	0.40	0.0	5.0	0.80	0.70
0.0	9.0	0.55	0.25	0.0	9.0	1.12	0.65
5.0	-9.0	0.99	0.80	5.0	-9.0	1.40	0.95
5.0	-5.0	0.90	0.75	5.0	-5.0	1.00	0.50
5.0	-3.0	0.86	0.79	5.0	-3.0	0.79	0.70
5.0	0.0	0.80	0.85	5.0	0.0	0.50	0.35
5.0	3.0	0.75	0.66	5.0	3.0	0.64	0.50
5.0	5.0	0.72	0.55	5.0	5.0	0.75	0.55
5.0	9.0	0.67	0.35	5.0	9.0	0.93	0.50

REMTECH

ZONE 7 - AFT SKIRT

BODY PT NO 1280 XB = 1873.5 THB = 198.0				BODY PT NO 1281 XB = 1873.5 THB = 238.0			
		MULT3 = 1.00	MULT4 = 1.63			MULT3 = 1.10	MULT4 = 1.60
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	0.20	0.25	-5.0	-9.0	0.06	0.12
-5.0	-5.0	0.20	0.25	-5.0	-5.0	0.15	0.17
-5.0	-3.0	0.28	0.70	-5.0	-3.0	0.18	0.20
-5.0	0.0	0.40	0.35	-5.0	0.0	0.25	0.15
-5.0	3.0	0.88	0.50	-5.0	3.0	0.45	0.35
-5.0	5.0	1.20	1.00	-5.0	5.0	0.60	0.25
-5.0	9.0	1.85	0.50	-5.0	9.0	0.88	0.55
0.0	-9.0	0.26	0.25	0.0	-9.0	1.71	0.45
0.0	-5.0	0.35	0.35	0.0	-5.0	1.09	0.25
0.0	-3.0	0.39	0.60	0.0	-3.0	0.78	0.50
0.0	0.0	0.45	0.45	0.0	0.0	0.32	0.25
0.0	3.0	0.57	0.65	0.0	3.0	0.70	0.77
0.0	5.0	0.65	0.60	0.0	5.0	0.95	1.02
0.0	9.0	0.81	0.35	0.0	9.0	1.45	0.75
5.0	-9.0	0.32	0.42	5.0	-9.0	1.90	0.50
5.0	-5.0	0.25	0.40	5.0	-5.0	1.25	0.25
5.0	-3.0	0.21	0.45	5.0	-3.0	0.94	0.20
5.0	0.0	0.15	0.25	5.0	0.0	0.45	0.50
5.0	3.0	0.35	0.60	5.0	3.0	0.70	0.48
5.0	5.0	0.50	0.50	5.0	5.0	0.85	0.70
5.0	9.0	0.75	0.25	5.0	9.0	1.16	0.65

BODY PT NO 1284 XB = 1896.0 THB = 198.0				BODY PT NO 1288 XB = 1920.3 THB = 198.0			
		MULT3 = 1.00	MULT4 = 1.60			MULT3 = 1.00	MULT4 = 1.60
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	0.11	0.10	-5.0	-9.0	0.11	0.26
-5.0	-5.0	0.20	0.40	-5.0	-5.0	0.15	0.15
-5.0	-3.0	0.24	0.70	-5.0	-3.0	0.15	0.20
-5.0	0.0	0.30	0.35	-5.0	0.0	0.18	0.15
-5.0	3.0	0.75	0.65	-5.0	3.0	0.70	0.35
-5.0	5.0	1.05	0.90	-5.0	5.0	1.05	0.85
-5.0	9.0	1.66	0.40	-5.0	9.0	1.78	1.15
0.0	-9.0	0.19	0.20	0.0	-9.0	0.19	0.24
0.0	-5.0	0.32	0.35	0.0	-5.0	0.26	0.30
0.0	-3.0	0.40	0.60	0.0	-3.0	0.29	0.35
0.0	0.0	0.50	0.55	0.0	0.0	0.35	0.40
0.0	3.0	0.60	0.65	0.0	3.0	0.43	0.60
0.0	5.0	0.65	0.65	0.0	5.0	0.50	0.55
0.0	9.0	0.79	0.35	0.0	9.0	0.61	0.84
5.0	-9.0	0.30	0.35	5.0	-9.0	0.35	0.34
5.0	-5.0	0.30	0.45	5.0	-5.0	0.35	0.35
5.0	-3.0	0.30	0.60	5.0	-3.0	0.35	0.35
5.0	0.0	0.30	0.45	5.0	0.0	0.35	0.35
5.0	3.0	0.42	0.50	5.0	3.0	0.31	0.45
5.0	5.0	0.50	0.45	5.0	5.0	0.30	0.35
5.0	9.0	0.66	0.20	5.0	9.0	0.26	0.25

REMTECH

ZONE 7 - AFT SKIRT

BODY PT NO 1289 XB = 1920.3 THB = 238.0				BODY PT NO 4221 XB = 1877.5 THB = 90.0			
		MULT3 = 1.00	MULT4 = 1.00			MULT3 = 1.00	MULT4 = 1.60
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	0.27	0.35	-5.0	-9.0	0.32	0.45
-5.0	-5.0	0.25	0.20	-5.0	-5.0	0.40	0.38
-5.0	-3.0	0.22	0.25	-5.0	-3.0	0.42	0.32
-5.0	0.0	0.20	0.15	-5.0	0.0	0.45	0.30
-5.0	3.0	0.40	0.20	-5.0	3.0	0.42	0.25
-5.0	5.0	0.55	0.35	-5.0	5.0	0.40	0.25
-5.0	9.0	0.82	0.00	-5.0	9.0	0.38	0.15
0.0	-9.0	1.50	0.15	0.0	-9.0	0.26	0.50
0.0	-5.0	1.12	0.40	0.0	-5.0	0.43	0.30
0.0	-3.0	0.95	0.40	0.0	-3.0	0.43	0.20
0.0	0.0	0.70	0.25	0.0	0.0	0.44	0.30
0.0	3.0	0.51	0.45	0.0	3.0	0.41	0.20
0.0	5.0	0.40	0.75	0.0	5.0	0.25	0.23
0.0	9.0	0.16	0.50	0.0	9.0	0.15	0.15
5.0	-9.0	1.05	0.10	5.0	-9.0	0.40	0.55
5.0	-5.0	0.75	0.15	5.0	-5.0	0.42	0.38
5.0	-3.0	0.59	0.20	5.0	-3.0	0.43	0.18
5.0	0.0	0.35	0.20	5.0	0.0	0.44	0.30
5.0	3.0	0.50	0.45	5.0	3.0	0.42	0.65
5.0	5.0	0.60	0.50	5.0	5.0	0.40	0.23
5.0	9.0	0.80	0.60	5.0	9.0	0.39	0.15

BODY PT NO 4222 XB = 1877.5 THB = 135.0				BODY PT NO 7445 XB = 1854.7 THB = 18.0			
		MULT3 = 1.00	MULT4 = 1.60			MULT3 = 1.00	MULT4 = 1.60
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	0.85	0.85	-5.0	-9.0	1.90	1.25
-5.0	-5.0	0.85	0.85	-5.0	-5.0	1.35	1.03
-5.0	-3.0	0.85	0.85	-5.0	-3.0	1.08	0.88
-5.0	0.0	0.85	0.85	-5.0	0.0	0.65	0.45
-5.0	3.0	0.62	0.62	-5.0	3.0	0.56	0.40
-5.0	5.0	0.45	0.45	-5.0	5.0	0.50	0.18
-5.0	9.0	0.15	0.15	-5.0	9.0	0.35	0.35
0.0	-9.0	0.64	0.64	0.0	-9.0	2.08	1.57
0.0	-5.0	0.45	0.45	0.0	-5.0	1.60	0.93
0.0	-3.0	0.35	0.35	0.0	-3.0	1.36	1.06
0.0	0.0	0.24	0.24	0.0	0.0	1.00	0.75
0.0	3.0	0.20	0.20	0.0	3.0	0.80	0.55
0.0	5.0	0.20	0.20	0.0	5.0	0.65	0.42
0.0	9.0	0.20	0.20	0.0	9.0	0.35	0.35
5.0	-9.0	0.40	0.40	5.0	-9.0	3.00	3.00
5.0	-5.0	0.43	0.43	5.0	-5.0	2.16	1.06
5.0	-3.0	0.45	0.45	5.0	-3.0	1.75	0.45
5.0	0.0	0.50	0.50	5.0	0.0	1.11	0.80
5.0	3.0	0.56	0.56	5.0	3.0	1.06	0.70
5.0	5.0	0.60	0.60	5.0	5.0	1.01	0.53
5.0	9.0	0.67	0.67	5.0	9.0	0.95	0.44

REMTECH

ZONE 7 - AFT SKIRT

BODY PT NO 7651 XB = 1854.7 THB = 2.0				BODY PT NO 8407 XB = 1884.9 THB = 2.0			
		MULT3 = 1.00	MULT4 = 1.60			MULT3 = 1.00	MULT4 = 1.60
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	1.60	1.20	-5.0	-9.0	1.37	1.15
-5.0	-5.0	1.20	0.95	-5.0	-5.0	1.00	1.00
-5.0	-3.0	1.00	0.90	-5.0	-3.0	0.90	0.90
-5.0	0.0	0.70	0.55	-5.0	0.0	0.60	0.65
-5.0	3.0	0.51	0.45	-5.0	3.0	0.64	0.40
-5.0	5.0	0.40	0.35	-5.0	5.0	0.65	0.30
-5.0	9.0	0.40	0.35	-5.0	9.0	0.70	0.25
0.0	-9.0	1.37	1.80	0.0	-9.0	1.26	1.47
0.0	-5.0	1.30	0.80	0.0	-5.0	1.05	0.40
0.0	-3.0	1.25	0.85	0.0	-3.0	1.00	0.90
0.0	0.0	1.20	0.70	0.0	0.0	0.95	0.70
0.0	3.0	0.78	0.40	0.0	3.0	0.80	0.40
0.0	5.0	0.50	0.35	0.0	5.0	0.65	0.40
0.0	9.0	0.50	0.40	0.0	9.0	0.48	0.45
5.0	-9.0	1.95	2.80	5.0	-9.0	1.90	2.70
5.0	-5.0	1.50	0.90	5.0	-5.0	1.30	0.85
5.0	-3.0	1.18	0.80	5.0	-3.0	1.00	0.75
5.0	0.0	0.70	1.10	5.0	0.0	0.50	1.35
5.0	3.0	0.58	0.80	5.0	3.0	0.48	0.80
5.0	5.0	0.50	0.35	5.0	5.0	0.40	0.40
5.0	9.0	0.50	0.55	5.0	9.0	0.35	0.50

BODY PT NO 8409 XB = 1920.0 THB = 52.0				BODY PT NO 8434 XB = 1910.0 THB = 90.0			
		MULT3 = 1.00	MULT4 = 1.60			MULT3 = 1.00	MULT4 = 1.60
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	0.25	0.85	-5.0	-9.0	0.72	0.60
-5.0	-5.0	0.25	0.25	-5.0	-5.0	0.64	0.50
-5.0	-3.0	0.50	0.35	-5.0	-3.0	0.60	0.45
-5.0	0.0	0.90	0.15	-5.0	0.0	0.53	0.58
-5.0	3.0	0.65	0.30	-5.0	3.0	0.47	0.30
-5.0	5.0	0.50	0.45	-5.0	5.0	0.42	0.28
-5.0	9.0	0.15	0.25	-5.0	9.0	0.35	0.15
0.0	-9.0	0.25	1.15	0.0	-9.0	0.72	0.55
0.0	-5.0	0.30	0.40	0.0	-5.0	0.64	0.38
0.0	-3.0	0.50	0.60	0.0	-3.0	0.60	0.39
0.0	0.0	0.75	0.45	0.0	0.0	0.53	0.30
0.0	3.0	0.65	0.25	0.0	3.0	0.42	0.22
0.0	5.0	0.55	0.60	0.0	5.0	0.35	0.40
0.0	9.0	0.40	0.15	0.0	9.0	0.24	0.15
5.0	-9.0	0.65	1.25	5.0	-9.0	0.46	0.58
5.0	-5.0	0.45	0.50	5.0	-5.0	0.49	0.45
5.0	-3.0	0.35	0.25	5.0	-3.0	0.50	0.18
5.0	0.0	0.20	0.30	5.0	0.0	0.53	0.33
5.0	3.0	0.65	0.20	5.0	3.0	0.50	0.30
5.0	5.0	0.95	0.35	5.0	5.0	0.50	0.30
5.0	9.0	1.55	0.25	5.0	9.0	0.50	0.15

REMTECH

ZONE 7 - AFT SKIRT

BODY PT NO 8435 XB = 1910.0 THB = 275.0				BODY PT NO 8436 XB = 1910.0 THB = 135.0			
		MULT3 = 1.00	MULT4 = 1.00			MULT3 = 1.00	MULT4 = 1.60
ALPHA	BETA	M=3.0	M=4.0	ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	0.36	0.14	-5.0	-9.0	0.90	0.45
-5.0	-5.0	0.45	0.18	-5.0	-5.0	0.80	0.50
-5.0	-3.0	0.47	0.19	-5.0	-3.0	0.75	0.55
-5.0	0.0	0.77	0.31	-5.0	0.0	0.70	0.65
-5.0	3.0	0.82	0.33	-5.0	3.0	0.58	0.45
-5.0	5.0	0.83	0.34	-5.0	5.0	0.50	0.40
-5.0	9.0	0.87	0.35	-5.0	9.0	0.34	0.30
0.0	-9.0	0.36	0.14	0.0	-9.0	0.39	0.40
0.0	-5.0	0.45	0.18	0.0	-5.0	0.30	0.30
0.0	-3.0	0.47	0.19	0.0	-3.0	0.25	0.20
0.0	0.0	0.77	0.31	0.0	0.0	0.20	0.15
0.0	3.0	0.82	0.33	0.0	3.0	0.25	0.25
0.0	5.0	0.83	0.34	0.0	5.0	0.30	0.30
0.0	9.0	0.87	0.35	0.0	9.0	0.40	0.15
5.0	-9.0	0.36	0.14	5.0	-9.0	0.72	0.45
5.0	-5.0	0.45	0.18	5.0	-5.0	0.68	0.10
5.0	-3.0	0.48	0.19	5.0	-3.0	0.50	0.25
5.0	0.0	0.56	0.23	5.0	0.0	0.50	0.40
5.0	3.0	0.42	0.17	5.0	3.0	0.40	0.40
5.0	5.0	0.34	0.14	5.0	5.0	0.41	0.40
5.0	9.0	0.15	0.06	5.0	9.0	0.45	0.35

BODY PT NO 8443 XB = 1910.0 THB = 178.0			
		MULT3 = 1.00	MULT4 = 1.60
ALPHA	BETA	M=3.0	M=4.0
-5.0	-9.0	0.22	0.10
-5.0	-5.0	0.32	0.37
-5.0	-3.0	0.37	0.40
-5.0	0.0	0.46	0.40
-5.0	3.0	0.72	0.60
-5.0	5.0	0.90	0.75
-5.0	9.0	1.25	0.40
0.0	-9.0	0.77	0.32
0.0	-5.0	0.67	0.42
0.0	-3.0	0.62	0.37
0.0	0.0	0.52	0.37
0.0	3.0	0.45	0.45
0.0	5.0	0.42	0.46
0.0	9.0	0.35	0.17
5.0	-9.0	0.40	0.37
5.0	-5.0	0.32	0.50
5.0	-3.0	0.30	0.50
5.0	0.0	0.24	0.50
5.0	3.0	0.44	0.47
5.0	5.0	0.67	0.43
5.0	9.0	0.82	0.25

TABLE 2
TIMEWISE TABULATED ASCENT
DESIGN ENVIRONMENTS

ORIGINAL PAGE IS
OF POOR QUALITY

SUMMARY TABLE FOR BODY POINT 1040
XB= 213.9 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT (FT.)	VEL. (FPS)	QLOAD
10.00	0.3388E+000.2500E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.00	0.1126E+07 0.1350E+04	183.10	1.69	
15.00	0.5613E+000.3843E-01		125.01	0.1931E+04	1.00	0.27	1.36	0.00	0.1788E+07 0.2823E+04	306.30	3.94	
20.00	0.7930E+000.4935E-01		126.27	0.1840E+04	1.00	0.39	2.61	0.00	0.2391E+07 0.4296E+04	429.50	7.31	
25.00	0.9959E+000.5820E-01		127.51	0.1684E+04	1.00	0.51	-0.32	0.00	0.2933E+07 0.6939E+04	569.50	11.75	
30.00	0.1209E+010.6510E-01		128.97	0.1545E+04	1.00	0.65	-3.24	-1.81	0.3401E+07 0.9582E+04	709.40	17.26	
35.00	0.1297E+010.6755E-01		129.60	0.1362E+04	1.00	0.77	-3.02	-1.41	0.3647E+07 0.1330E+05	837.30	23.53	
40.00	0.1385E+010.6856E-01		130.61	0.1219E+04	1.00	0.90	-2.79	2.02	0.3827E+07 0.1702E+05	965.30	30.23	
45.00	0.1412E+010.6847E-01		131.02	0.1060E+04	1.00	1.02	-3.95	1.87	0.3821E+07 0.2131E+05	1073.00	37.23	
50.00	0.1484E+010.6949E-01		131.75	0.1134E+04	1.04	1.15	-2.76	-2.02	0.3759E+07 0.2584E+05	1183.00	44.47	
55.00	0.1510E+010.6973E-01		132.05	0.9221E+03	1.08	1.29	-2.82	-2.12	0.3657E+07 0.3059E+05	1301.00	51.95	
60.00	0.1622E+010.6860E-01		134.05	0.7616E+03	1.12	1.46	-2.28	-2.06	0.3496E+07 0.3556E+05	1435.00	59.78	
62.00	0.1735E+010.6771E-01		136.03	0.7046E+03	1.13	1.53	-1.85	-1.90	0.3395E+07 0.3763E+05	1497.00	63.14	
64.00	0.1896E+010.6715E-01		138.63	0.6527E+03	1.15	1.62	-1.43	-1.82	0.3282E+07 0.3975E+05	1569.00	66.77	
66.00	0.2124E+010.6637E-01		142.40	0.6038E+03	1.17	1.71	-1.07	-1.80	0.3151E+07 0.4195E+05	1647.00	70.79	
68.00	0.2370E+010.6528E-01		146.70	0.5570E+03	1.19	1.80	-0.68	-1.78	0.3003E+07 0.4423E+05	1729.00	75.28	
70.00	0.2641E+010.6416E-01		151.57	0.5125E+03	1.21	1.89	-0.46	-1.86	0.2845E+07 0.4658E+05	1814.00	80.29	
72.00	0.2933E+010.6291E-01		157.02	0.4705E+03	1.23	1.99	-0.26	-1.94	0.2681E+07 0.4902E+05	1904.00	85.87	
74.00	0.3267E+010.6185E-01		163.22	0.4310E+03	1.27	2.10	0.05	-2.12	0.2515E+07 0.5153E+05	1999.00	92.07	
76.00	0.3627E+010.6050E-01		170.35	0.3938E+03	1.30	2.21	-0.28	-2.61	0.2341E+07 0.5413E+05	2100.00	98.96	
78.00	0.4037E+010.5919E-01		178.60	0.3583E+03	1.34	2.32	0.16	-2.61	0.2152E+07 0.5681E+05	2206.00	106.62	
80.00	0.4480E+010.5764E-01		188.12	0.3239E+03	1.39	2.42	-0.05	-3.01	0.1941E+07 0.5957E+05	2313.00	115.14	
82.00	0.4924E+010.5619E-01		198.04	0.2930E+03	1.45	2.53	0.12	-3.46	0.1755E+07 0.6241E+05	2423.00	124.55	
84.00	0.5388E+010.5461E-01		209.07	0.2640E+03	1.51	2.64	-0.34	-3.98	0.1574E+07 0.6532E+05	2539.00	134.86	
86.00	0.5820E+010.5288E-01		220.88	0.2370E+03	1.57	2.75	-0.89	-4.60	0.1402E+07 0.6831E+05	2656.00	146.06	
88.00	0.6207E+010.5041E-01		233.54	0.2101E+03	1.63	2.87	-1.16	-5.13	0.1244E+07 0.7139E+05	2777.00	158.09	
90.00	0.6492E+010.4754E-01		246.96	0.1888E+03	1.66	2.98	-1.13	-5.10	0.1100E+07 0.7454E+05	2901.00	170.79	
92.00	0.7049E+010.4681E-01		261.00	0.1691E+03	1.77	3.10	-1.07	-5.00	0.9720E+06 0.7777E+05	3025.00	184.33	
94.00	0.7709E+010.4657E-01		275.92	0.1514E+03	1.91	3.22	-0.96	-4.94	0.8583E+06 0.8108E+05	3154.00	199.09	
96.00	0.8352E+010.4605E-01		291.77	0.1353E+03	2.05	3.35	-0.98	-4.87	0.7572E+06 0.8446E+05	3286.00	215.15	
98.00	0.8850E+010.4460E-01		308.83	0.1206E+03	2.17	3.47	-0.85	-4.51	0.6662E+06 0.8791E+05	3422.00	232.35	
100.00	0.9684E+010.4454E-01		327.83	0.1073E+03	2.37	3.61	-1.60	-4.72	0.5826E+06 0.9142E+05	3566.00	250.89	
102.00	0.1015E+020.4289E-01		347.06	0.9492E+02	2.52	3.73	-1.57	-4.52	0.5054E+06 0.9500E+05	3705.00	270.72	
104.00	0.1021E+020.3966E-01		367.91	0.8396E+02	2.57	3.86	-1.61	-3.62	0.4373E+06 0.9864E+05	3850.00	291.09	
106.00	0.1038E+020.3719E-01		389.47	0.7414E+02	2.67	3.98	-1.63	-3.09	0.3779E+06 0.1023E+06	3995.00	311.67	
108.00	0.1022E+020.3383E-01		412.36	0.6546E+02	2.69	4.11	-1.65	-3.03	0.3264E+06 0.1061E+06	4143.00	332.27	
110.00	0.1009E+020.3037E-01		436.17	0.5773E+02	2.74	4.23	-1.70	-3.30	0.2814E+06 0.1099E+06	4293.00	352.57	
112.00	0.1073E+020.3076E-01		459.18	0.5069E+02	3.03	4.35	-1.59	-5.24	0.2416E+06 0.1137E+06	4432.00	373.39	
114.00	0.1099E+020.2977E-01		476.95	0.4403E+02	3.32	4.42	-1.72	-6.99	0.2055E+06 0.1176E+06	4535.00	395.11	
116.00	0.9382E+010.2473E-01		489.80	0.3794E+02	3.11	4.47	-1.89	-5.59	0.1738E+06 0.1214E+06	4605.00	415.48	
118.00	0.8169E+010.2091E-01		501.12	0.3267E+02	2.98	4.50	-1.58	-4.93	0.1470E+06 0.1252E+06	4665.00	433.03	
120.00	0.7196E+010.1796E-01		519.12	0.2815E+02	2.91	4.52	-1.50	-4.49	0.1244E+06 0.1290E+06	4715.00	448.39	
122.00	0.6742E+010.1650E-01		519.12	0.2477E+02	3.03	4.52	-1.80	-5.14	0.1054E+06 0.1327E+06	4754.00	462.33	
124.00	0.6485E+010.1558E-01		526.76	0.2099E+02	3.23	4.53	-2.46	-6.11	0.8965E+05 0.1364E+06	4790.00	475.56	
126.00	0.6065E+010.1429E-01		534.94	0.1824E+02	3.33	4.54	-3.00	-6.47	0.7667E+05 0.1400E+06	4829.00	488.11	

SUMMARY TABLE FOR BODY POINT 1041
XB= 286.5 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	B1/4 (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	LOAD
10.00	0.2587E+000.1909E-01	123.95	0.2031E+04	0.16	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.29
15.00	0.4325E+000.2961E-01	125.01	0.1931E+04	0.27	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	3.02
20.00	0.6063E+000.3821E-01	126.27	0.1840E+04	0.39	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	5.62
25.00	0.7738E+000.4522E-01	127.51	0.1684E+04	0.51	1.00	0.51	-0.32	0.00	0.2933E+07	0.6399E+04	569.50	9.07
30.00	0.9412E+000.5069E-01	128.97	0.1545E+04	0.65	1.00	0.65	-3.24	-1.81	0.3401E+07	0.9582E+04	709.40	13.36
35.00	0.1011E+010.5264E-01	129.60	0.1362E+04	0.77	1.00	0.77	-3.02	-1.41	0.3647E+07	0.1330E+05	837.30	18.24
40.00	0.1080E+010.5345E-01	130.61	0.1219E+04	0.90	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	23.46
45.00	0.1095E+010.5309E-01	131.02	0.1060E+04	1.02	1.00	1.02	-2.94	1.87	0.3821E+07	0.2131E+05	1073.00	28.90
50.00	0.1119E+010.5240E-01	131.75	0.1134E+04	1.15	1.01	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	34.43
55.00	0.1107E+010.5112E-01	132.05	0.9221E+03	1.29	1.01	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	40.00
60.00	0.1155E+010.4882E-01	134.05	0.7616E+03	1.46	1.02	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	45.65
62.00	0.1220E+010.4760E-01	136.03	0.7046E+03	1.53	1.02	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	48.03
64.00	0.1316E+010.4661E-01	138.63	0.6527E+03	1.62	1.02	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	50.56
66.00	0.1455E+010.4547E-01	142.40	0.6038E+03	1.71	1.03	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	53.33
68.00	0.1603E+010.4416E-01	146.70	0.5570E+03	1.80	1.03	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	56.39
70.00	0.1764E+010.4285E-01	151.57	0.5125E+03	1.89	1.04	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	59.76
72.00	0.1934E+010.4148E-01	157.02	0.4705E+03	1.99	1.05	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	63.45
74.00	0.2126E+010.4025E-01	163.22	0.4310E+03	2.10	1.06	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	67.51
76.00	0.2331E+010.3888E-01	170.35	0.3938E+03	2.21	1.07	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	71.97
78.00	0.2562E+010.3756E-01	178.60	0.3583E+03	2.32	1.09	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	76.86
80.00	0.2807E+010.3612E-01	188.12	0.3239E+03	2.42	1.12	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	82.23
82.00	0.3034E+010.3462E-01	198.04	0.2930E+03	2.53	1.15	2.53	0.12	-3.46	0.1755E+07	0.6241E+05	2423.00	88.07
84.00	0.3260E+010.3304E-01	209.07	0.2640E+03	2.64	1.18	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	94.37
86.00	0.3466E+010.3137E-01	220.88	0.2370E+03	2.75	1.21	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	101.09
88.00	0.3647E+010.2962E-01	233.54	0.2101E+03	2.87	1.24	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	108.21
90.00	0.3772E+010.2762E-01	246.96	0.1888E+03	2.98	1.25	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	115.62
92.00	0.4102E+010.2724E-01	261.00	0.1691E+03	3.10	1.33	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	123.50
94.00	0.4505E+010.2722E-01	275.92	0.1514E+03	3.22	1.44	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	132.10
96.00	0.4904E+010.2704E-01	291.77	0.1353E+03	3.35	1.56	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	141.51
98.00	0.5220E+010.2631E-01	308.83	0.1206E+03	3.47	1.66	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	151.64
100.00	0.5732E+010.2636E-01	327.83	0.1073E+03	3.61	1.82	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	162.59
102.00	0.6013E+010.2541E-01	347.06	0.9492E+02	3.73	1.94	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	174.34
104.00	0.6000E+010.2330E-01	367.91	0.8396E+02	3.86	1.97	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	186.35
106.00	0.6043E+010.2166E-01	389.47	0.7414E+02	3.98	2.03	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	3995.00	198.39
108.00	0.5934E+010.1965E-01	412.36	0.6546E+02	4.11	2.04	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	210.37
110.00	0.5875E+010.1804E-01	436.17	0.5773E+02	4.23	2.08	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	222.18
112.00	0.6416E+010.1840E-01	459.18	0.5069E+02	4.35	2.37	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	234.47
114.00	0.6743E+010.1840E-01	476.95	0.4403E+02	4.42	2.67	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	247.63
116.00	0.5616E+010.1480E-01	489.80	0.3794E+02	4.47	2.44	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	259.99
118.00	0.4828E+010.1236E-01	501.12	0.3267E+02	4.50	2.32	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	270.43
120.00	0.4220E+010.1054E-01	510.98	0.2815E+02	4.52	2.25	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	279.48
122.00	0.3975E+010.9724E-02	519.12	0.2427E+02	4.52	2.36	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	287.68
124.00	0.3874E+010.9303E-02	526.76	0.2099E+02	4.53	2.56	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	295.53
126.00	0.3634E+010.8559E-02	534.94	0.1824E+02	4.54	2.65	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	303.03

SUMMARY TABLE FOR BODY POINT 1298
XB= 213.9 THETAB= 180.0

TRAJ. TIME (SEC)	DESIGN HTG RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VFL (FPS)	LOAD
10.00	0.3388E+000.2500E-01	123.95	0.2031E+04	1.00	0.16	-0.27	0.58	0.1126E+07	0.1350E+04	183.10	1.69	
15.00	0.5613E+000.3843E-01	125.01	0.1931E+04	1.00	0.27	-0.01	3.23	0.1788E+07	0.2823E+04	306.30	3.94	
20.00	0.7814E+000.4924E-01	126.27	0.1841E+04	1.00	0.39	0.48	-5.89	0.2391E+07	0.4296E+04	429.50	7.30	
25.00	0.9959E+000.5820E-01	127.51	0.1684E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	11.74	
30.00	0.1209E+010.6510E-01	128.97	0.1545E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	17.26	
35.00	0.1297E+010.6755E-01	129.60	0.1362E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	23.52	
40.00	0.1384E+010.6867E-01	130.56	0.1202E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	30.22	
45.00	0.1404E+010.6831E-01	130.96	0.1040E+04	1.00	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	37.19	
50.00	0.1444E+010.6761E-01	131.75	0.1134E+04	1.01	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	44.31	
55.00	0.1433E+010.6620E-01	132.05	0.9221E+03	1.02	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	51.51	
60.00	0.1498E+010.6337E-01	134.05	0.7616E+03	1.03	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	58.83	
62.00	0.1586E+010.6188E-01	136.03	0.7046E+03	1.03	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1569.00	65.22	
64.00	0.1712E+010.6065E-01	138.63	0.6527E+03	1.04	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1647.00	68.82	
66.00	0.1891E+010.5911E-01	142.40	0.6038E+03	1.04	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1729.00	72.79	
68.00	0.2082E+010.5735E-01	146.70	0.5570E+03	1.04	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1814.00	77.16	
70.00	0.2283E+010.5544E-01	151.57	0.5125E+03	1.05	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1904.00	81.93	
72.00	0.2489E+010.5339E-01	157.02	0.4705E+03	1.05	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1999.00	87.13	
74.00	0.2712E+010.5134E-01	163.22	0.4310E+03	1.05	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	2100.00	92.79	
76.00	0.2949E+010.4920E-01	170.35	0.3938E+03	1.06	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2206.00	98.94	
78.00	0.3195E+010.4676E-01	178.72	0.3713E+03	1.04	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2313.00	105.59	
80.00	0.3459E+010.4442E-01	188.28	0.3383E+03	1.05	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2423.00	112.73	
82.00	0.3681E+010.4197E-01	198.11	0.2989E+03	1.07	2.53	0.41	-3.46	0.1755E+07	0.6241E+05	2539.00	120.36	
84.00	0.3944E+010.3997E-01	209.07	0.2640E+03	1.10	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2656.00	128.51	
86.00	0.4209E+010.3810E-01	220.88	0.2370E+03	1.13	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2777.00	137.14	
88.00	0.4422E+010.3591E-01	233.54	0.2101E+03	1.16	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2901.00	146.13	
90.00	0.4568E+010.3345E-01	246.96	0.1888E+03	1.17	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	3025.00	155.76	
92.00	0.5064E+010.3362E-01	261.00	0.1691E+03	1.27	3.10	-1.64	-5.00	0.9720E+06	0.8108E+05	3154.00	166.50	
94.00	0.5677E+010.3430E-01	275.92	0.1514E+03	1.41	3.22	-1.63	-4.94	0.8583E+06	0.8446E+05	3286.00	178.51	
96.00	0.6328E+010.3489E-01	291.77	0.1353E+03	1.56	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3422.00	191.83	
98.00	0.6991E+010.3523E-01	308.83	0.1206E+03	1.71	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3566.00	206.57	
100.00	0.7755E+010.3566E-01	327.83	0.1073E+03	1.90	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3705.00	222.72	
102.00	0.8389E+010.3545E-01	347.06	0.9492E+02	2.08	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3850.00	240.23	
104.00	0.9124E+010.3543E-01	367.91	0.8396E+02	2.30	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3995.00	259.22	
106.00	0.9866E+010.3535E-01	389.47	0.7414E+02	2.54	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	4143.00	278.88	
108.00	0.9799E+010.3245E-01	412.36	0.6546E+02	2.58	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4293.00	298.17	
110.00	0.8923E+010.2912E-01	436.17	0.5773E+02	2.57	4.23	-1.70	-2.62	0.2816E+06	0.1099E+06	4432.00	316.58	
112.00	0.8674E+010.2558E-01	459.18	0.5069E+02	2.52	4.35	-1.59	-2.62	0.2416E+06	0.1137E+06	4535.00	334.18	
114.00	0.8674E+010.2366E-01	476.95	0.4403E+02	2.62	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4605.00	350.56	
116.00	0.7714E+010.2033E-01	489.80	0.3794E+02	2.56	4.47	-1.89	-2.79	0.1738E+06	0.1214E+06	4665.00	365.18	
118.00	0.6904E+010.1765E-01	501.58	0.3466E+02	2.43	4.50	0.74	-4.93	0.1470E+06	0.1252E+06	4715.00	378.45	
120.00	0.6364E+010.1585E-01	511.90	0.3147E+02	2.39	4.52	1.44	-4.49	0.1244E+06	0.1290E+06	4754.00	390.53	
122.00	0.5714E+010.1395E-01	520.11	0.2731E+02	2.38	4.52	1.53	-5.14	0.1054E+06	0.1327E+06	4790.00	401.47	
124.00	0.5228E+010.1253E-01	527.55	0.2302E+02	2.46	4.53	1.18	-3.05	0.8965E+05	0.1364E+06	4829.00	411.48	
126.00	0.4782E+010.1126E-01	534.94	0.1824E+02	2.63	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06			

SUMMARY TABLE FOR BODY POINT 1300
XB= 243.3 THETAB= 180.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT (FT.)	VEL (FPS)	LOAD
10.00	0.2871E+000.2119E-01	0.2871E+000.2119E-01	123.95	0.2031E+04	1.00	0.16	-0.27	0.58	0.1126E+07	0.1350E+04	183.10	1.44
15.00	0.4783E+000.3275E-01	0.4783E+000.3275E-01	125.01	0.1931E+04	1.00	0.27	-0.01	3.23	0.1788E+07	0.2823E+04	306.30	3.35
20.00	0.6680E+000.4209E-01	0.6680E+000.4209E-01	126.27	0.1841E+04	1.00	0.39	0.48	-5.89	0.2391E+07	0.4296E+04	429.50	6.22
25.00	0.8531E+000.4986E-01	0.8531E+000.4986E-01	127.51	0.1684E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	10.02
30.00	0.1037E+010.5585E-01	0.1037E+010.5585E-01	128.97	0.1545E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	14.74
35.00	0.1113E+010.5797E-01	0.1113E+010.5797E-01	129.60	0.1362E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	20.12
40.00	0.1188E+010.5895E-01	0.1188E+010.5895E-01	130.56	0.1202E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	25.87
45.00	0.1204E+010.5856E-01	0.1204E+010.5856E-01	130.96	0.1040E+04	1.00	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	31.85
50.00	0.1229E+010.5754E-01	0.1229E+010.5754E-01	131.75	0.1134E+04	1.00	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	37.93
55.00	0.1212E+010.5599E-01	0.1212E+010.5599E-01	132.05	0.9221E+03	1.01	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	44.03
60.00	0.1260E+010.5377E-01	0.1260E+010.5377E-01	134.05	0.7616E+03	1.01	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	50.21
62.00	0.1329E+010.5185E-01	0.1329E+010.5185E-01	136.03	0.7046E+03	1.01	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	52.80
64.00	0.1430E+010.5066E-01	0.1430E+010.5066E-01	138.63	0.6527E+03	1.01	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	55.56
66.00	0.1577E+010.4927E-01	0.1577E+010.4927E-01	142.40	0.6038E+03	1.01	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	58.57
68.00	0.1731E+010.4769E-01	0.1731E+010.4769E-01	146.70	0.5570E+03	1.01	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	61.88
70.00	0.1897E+010.4607E-01	0.1897E+010.4607E-01	151.57	0.5125E+03	1.01	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	65.50
72.00	0.2069E+010.4438E-01	0.2069E+010.4438E-01	157.02	0.4705E+03	1.02	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	69.47
74.00	0.2258E+010.4275E-01	0.2258E+010.4275E-01	163.23	0.4318E+03	1.02	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	73.80
76.00	0.2475E+010.4125E-01	0.2475E+010.4125E-01	170.40	0.3997E+03	1.02	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	78.53
78.00	0.2715E+010.3974E-01	0.2715E+010.3974E-01	178.72	0.3713E+03	1.03	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2206.00	83.72
80.00	0.2944E+010.381E-01	0.2944E+010.381E-01	188.28	0.3383E+03	1.04	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	89.38
82.00	0.3110E+010.3546E-01	0.3110E+010.3546E-01	198.11	0.2889E+03	1.05	2.53	0.41	-3.46	0.1755E+07	0.6241E+05	2423.00	95.43
84.00	0.3270E+010.3314E-01	0.3270E+010.3314E-01	209.07	0.2640E+03	1.07	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	101.81
86.00	0.3442E+010.3115E-01	0.3442E+010.3115E-01	220.88	0.2370E+03	1.08	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	108.53
88.00	0.3575E+010.2904E-01	0.3575E+010.2904E-01	233.54	0.2101E+03	1.10	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	115.54
90.00	0.3683E+010.2697E-01	0.3683E+010.2697E-01	246.96	0.1888E+03	1.10	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	122.80
92.00	0.4060E+010.2696E-01	0.4060E+010.2696E-01	261.00	0.1691E+03	1.19	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	130.54
94.00	0.4525E+010.2733E-01	0.4525E+010.2733E-01	275.92	0.1514E+03	1.31	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	139.13
96.00	0.5010E+010.2762E-01	0.5010E+010.2762E-01	291.77	0.1353E+03	1.44	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	148.66
98.00	0.5482E+010.2763E-01	0.5482E+010.2763E-01	308.83	0.1206E+03	1.58	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	159.15
100.00	0.6043E+010.2779E-01	0.6043E+010.2779E-01	327.83	0.1073E+03	1.74	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	170.68
102.00	0.6466E+010.2732E-01	0.6466E+010.2732E-01	347.06	0.9492E+02	1.88	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	183.19
104.00	0.6818E+010.2648E-01	0.6818E+010.2648E-01	367.91	0.8396E+02	2.02	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	196.47
106.00	0.7164E+010.2567E-01	0.7164E+010.2567E-01	389.47	0.7414E+02	2.17	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	210.45
108.00	0.7078E+010.2344E-01	0.7078E+010.2344E-01	412.36	0.6546E+02	2.20	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	224.69
110.00	0.6901E+010.2118E-01	0.6901E+010.2118E-01	436.17	0.5773E+02	2.27	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	238.67
112.00	0.6829E+010.1958E-01	0.6829E+010.1958E-01	459.18	0.5069E+02	2.27	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	252.40
114.00	0.6631E+010.1809E-01	0.6631E+010.1809E-01	476.95	0.4403E+02	2.37	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	265.86
116.00	0.5855E+010.1543E-01	0.5855E+010.1543E-01	489.80	0.3794E+02	2.29	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	278.35
118.00	0.5416E+010.1384E-01	0.5416E+010.1384E-01	501.58	0.3466E+02	2.25	4.50	0.74	-4.93	0.1470E+06	0.1252E+06	4665.00	289.62
120.00	0.4997E+010.1245E-01	0.4997E+010.1245E-01	511.90	0.3147E+02	2.23	4.52	1.44	-4.49	0.1244E+06	0.1290E+06	4715.00	300.03
122.00	0.4570E+010.1115E-01	0.4570E+010.1115E-01	520.11	0.2731E+02	2.26	4.52	1.53	-5.14	0.1054E+06	0.1327E+06	4754.00	309.60
124.00	0.4142E+010.9930E-02	0.4142E+010.9930E-02	527.55	0.2302E+02	2.31	4.53	1.18	-6.11	0.8965E+05	0.1364E+06	4790.00	318.31
126.00	0.3705E+010.8716E-02	0.3705E+010.8716E-02	535.46	0.1935E+02	2.34	4.54	0.74	-6.47	0.7667E+05	0.1400E+06	4829.00	326.16

SUMMARY TABLE FOR BODY POINT 1303
XB= 373.1 THETAB= 180.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF. (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2354E+000.1737E-01	123.95	0.2031E+04	1.00	0.16	-0.27	0.58	0.1126E+07	0.1350E+04	183.10	1.18	
15.00	0.3948E+000.2703E-01	125.01	0.1931E+04	1.00	0.27	-0.01	3.23	0.1788E+07	0.2823E+04	306.30	2.75	
20.00	0.5531E+000.3486E-01	126.27	0.1841E+04	1.00	0.39	0.48	-5.89	0.2391E+07	0.4296E+04	429.50	5.12	
25.00	0.7082E+000.4139E-01	127.51	0.1684E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	8.28	
30.00	0.8621E+000.4643E-01	128.97	0.1545E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	12.20	
35.00	0.9259E+000.4822E-01	129.60	0.1362E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	16.67	
40.00	0.9888E+000.4906E-01	130.56	0.1202E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	21.46	
45.00	0.9950E+000.4840E-01	130.96	0.1040E+04	0.99	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	26.42	
50.00	0.9789E+000.4585E-01	131.75	0.1134E+04	0.96	1.15	-4.41	2.02	0.3759E+07	0.2584E+05	1183.00	31.35	
55.00	0.9302E+000.4297E-01	132.05	0.9221E+03	0.93	1.29	-4.15	2.12	0.3657E+07	0.3059E+05	1301.00	36.13	
60.00	0.9280E+000.3924E-01	134.05	0.7616E+03	0.89	1.46	-3.78	2.06	0.3496E+07	0.3556E+05	1435.00	40.77	
62.00	0.9656E+000.3767E-01	136.03	0.7046E+03	0.88	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	42.66	
64.00	0.1026E+010.3635E-01	138.63	0.6527E+03	0.87	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	44.66	
66.00	0.1117E+010.3491E-01	142.40	0.6038E+03	0.86	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	46.80	
68.00	0.1213E+010.3341E-01	146.70	0.5570E+03	0.85	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	49.13	
70.00	0.1310E+010.3183E-01	151.57	0.5125E+03	0.84	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	51.65	
72.00	0.1409E+010.3021E-01	157.02	0.4705E+03	0.83	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	54.37	
74.00	0.1515E+010.2867E-01	163.23	0.4318E+03	0.82	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	57.29	
76.00	0.1635E+010.2724E-01	170.40	0.3997E+03	0.81	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	60.44	
78.00	0.1771E+010.2591E-01	178.72	0.3713E+03	0.81	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2206.00	63.85	
80.00	0.1884E+010.2419E-01	188.28	0.3383E+03	0.80	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	67.50	
82.00	0.1952E+010.2226E-01	198.11	0.2989E+03	0.80	2.53	0.41	-3.46	0.1755E+07	0.6241E+05	2423.00	71.34	
84.00	0.2013E+010.2040E-01	209.07	0.2640E+03	0.79	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	75.31	
86.00	0.2094E+010.1896E-01	220.88	0.2370E+03	0.80	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	79.41	
88.00	0.2151E+010.1747E-01	233.54	0.2101E+03	0.80	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	83.66	
90.00	0.2190E+010.1604E-01	246.96	0.1888E+03	0.79	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	88.00	
92.00	0.2395E+010.1590E-01	261.00	0.1691E+03	0.85	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	92.58	
94.00	0.2650E+010.1601E-01	275.92	0.1514E+03	0.93	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	97.63	
96.00	0.2909E+010.1604E-01	291.77	0.1353E+03	1.01	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	103.19	
98.00	0.3159E+010.1592E-01	308.83	0.1206E+03	1.10	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	109.26	
100.00	0.3462E+010.1592E-01	327.83	0.1073E+03	1.21	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	115.88	
102.00	0.3678E+010.1554E-01	347.06	0.9492E+02	1.30	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	123.02	
104.00	0.3852E+010.1496E-01	367.91	0.8396E+02	1.38	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	130.55	
106.00	0.4060E+010.1455E-01	389.47	0.7414E+02	1.49	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	3995.00	138.46	
108.00	0.4011E+010.1328E-01	412.36	0.6546E+02	1.51	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	146.53	
110.00	0.3893E+010.1195E-01	436.17	0.5773E+02	1.51	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	154.43	
112.00	0.3816E+010.1094E-01	459.18	0.5069E+02	1.55	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	162.14	
114.00	0.3670E+010.1001E-01	476.95	0.4403E+02	1.60	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	169.63	
116.00	0.3301E+010.8699E-02	489.80	0.3794E+02	1.58	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	176.60	
118.00	0.3069E+010.7846E-02	501.58	0.3466E+02	1.56	4.50	0.74	-4.93	0.1470E+06	0.1252E+06	4665.00	182.97	
120.00	0.2788E+010.6945E-02	511.90	0.3147E+02	1.52	4.52	1.44	-4.49	0.1244E+06	0.1290E+06	4715.00	188.83	
122.00	0.2583E+010.6304E-02	520.11	0.2731E+02	1.56	4.52	1.53	-5.14	0.1054E+06	0.1327E+06	4754.00	194.20	
124.00	0.2308E+010.5532E-02	527.55	0.2302E+02	1.58	4.53	1.18	-6.11	0.8965E+05	0.1364E+06	4790.00	199.09	
126.00	0.2052E+010.4828E-02	535.46	0.1935E+02	1.59	4.54	0.74	-6.47	0.7667E+05	0.1400E+06	4829.00	203.45	

SUMMARY TABLE FOR BODY POINT 1304
XB= 213.9 THETAR= 270.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HJ/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.3388E+000.2500E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	1.69
15.00	0.5613E+000.3843E-01		125.01	0.1931E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	3.94
20.00	0.7830E+000.4935E-01		126.27	0.1840E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	7.31
25.00	0.9959E+000.5820E-01		127.51	0.1684E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	11.75
30.00	0.1209E+010.6510E-01		128.97	0.1545E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	17.26
35.00	0.1297E+010.6755E-01		129.60	0.1352E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	23.53
40.00	0.1385E+010.6856E-01		130.61	0.1219E+04	1.00	0.90	-2.79	-2.02	0.3827E+07	0.1702E+05	965.30	30.23
45.00	0.1399E+010.6784E-01		131.02	0.1060E+04	0.99	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	37.20
50.00	0.1352E+010.6333E-01		131.75	0.1134E+04	0.95	1.15	-2.76	2.02	0.3759E+07	0.2584E+05	1183.00	44.07
55.00	0.1300E+010.6023E-01		131.99	0.9890E+03	0.92	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	50.71
60.00	0.1321E+010.5598E-01		133.99	0.8136E+03	0.89	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	57.26
62.00	0.1384E+010.5408E-01		135.99	0.7511E+03	0.88	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	59.96
64.00	0.1488E+010.5232E-01		138.83	0.6948E+03	0.87	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	62.83
66.00	0.1628E+010.5055E-01		142.61	0.6435E+03	0.86	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	65.95
68.00	0.1777E+010.4867E-01		146.92	0.5944E+03	0.85	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	69.35
70.00	0.1940E+010.4687E-01		151.80	0.5499E+03	0.86	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	73.07
72.00	0.2113E+010.4507E-01		157.28	0.5078E+03	0.85	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	77.13
74.00	0.2320E+010.4368E-01		163.52	0.4699E+03	0.85	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	81.56
76.00	0.2539E+010.4211E-01		170.70	0.4345E+03	0.86	2.21	0.34	-2.61	0.2152E+07	0.5681E+05	2206.00	86.42
78.00	0.2787E+010.4062E-01		179.01	0.4013E+03	0.88	2.32	0.79	-3.01	0.1941E+07	0.5957E+05	2313.00	91.74
80.00	0.3069E+010.3923E-01		188.63	0.3702E+03	0.88	2.42	0.94	-3.46	0.1755E+07	0.6241E+05	2423.00	97.60
82.00	0.3129E+010.3545E-01		198.67	0.3440E+03	0.83	2.53	0.41	-3.98	0.1574E+07	0.6532E+05	2539.00	103.80
84.00	0.3095E+010.3111E-01		209.87	0.3201E+03	0.77	2.64	-0.34	-2.30	0.1402E+07	0.6831E+05	2656.00	110.02
86.00	0.3137E+010.2827E-01		221.36	0.2650E+03	0.79	2.75	-0.89	-2.56	0.1244E+07	0.7139E+05	2777.00	116.25
88.00	0.3257E+010.2631E-01		234.20	0.2416E+03	0.78	2.87	-1.16	-2.50	0.1100E+07	0.7454E+05	2901.00	122.65
90.00	0.3328E+010.2425E-01		247.67	0.2179E+03	0.78	2.98	-1.13	-2.50	0.9720E+06	0.7777E+05	3025.00	129.23
92.00	0.3534E+010.2335E-01		261.75	0.1956E+03	0.81	3.10	-1.07	-2.47	0.8583E+06	0.8108E+05	3154.00	136.09
94.00	0.3784E+010.2275E-01		276.71	0.1755E+03	0.85	3.22	-0.96	-2.44	0.7572E+06	0.8466E+05	3286.00	143.41
96.00	0.4004E+010.2197E-01		292.61	0.1572E+03	0.89	3.35	-0.98	-4.51	0.6662E+06	0.8791E+05	3422.00	151.20
98.00	0.4208E+010.2103E-01		310.55	0.1597E+03	0.87	3.47	-0.85	-4.72	0.5826E+06	0.9142E+05	3566.00	159.41
100.00	0.4470E+010.2038E-01		329.77	0.1448E+03	0.91	3.61	-0.83	-4.52	0.5054E+06	0.9500E+05	3705.00	168.09
102.00	0.4701E+010.1970E-01		349.02	0.1273E+03	0.97	3.73	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	177.26
104.00	0.4884E+010.1885E-01		369.55	0.1069E+03	1.05	3.86	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	186.85
106.00	0.4955E+010.1766E-01		390.93	0.9153E+02	1.11	3.98	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	196.69
108.00	0.4876E+010.1607E-01		413.89	0.8079E+02	1.12	4.11	-0.89	-3.03	0.2814E+06	0.1099E+06	4293.00	206.52
110.00	0.4777E+010.1458E-01		437.96	0.7287E+02	1.11	4.23	-0.95	5.24	0.2416E+06	0.1137E+06	4432.00	216.17
112.00	0.4786E+010.1372E-01		459.18	0.5069E+02	1.35	4.35	-1.59	5.24	0.2416E+06	0.1137E+06	4432.00	225.73
114.00	0.4814E+010.1313E-01		476.95	0.4403E+02	1.46	4.42	-1.72	6.99	0.2055E+06	0.1176E+06	4535.00	235.33
116.00	0.4181E+010.1102E-01		489.80	0.3794E+02	1.39	4.47	-1.89	5.59	0.1738E+06	0.1214E+06	4605.00	244.33
118.00	0.3686E+010.9381E-02		504.35	0.4648E+02	1.08	4.50	0.74	-4.93	0.1470E+06	0.1252E+06	4665.00	252.21
120.00	0.3324E+010.8237E-02		513.95	0.3892E+02	1.09	4.52	1.44	-4.49	0.1244E+06	0.1290E+06	4715.00	259.23
122.00	0.3035E+010.7362E-02		522.60	0.3502E+02	1.08	4.52	1.53	-5.14	0.1054E+06	0.1327E+06	4754.00	265.58
124.00	0.2889E+010.6939E-02		526.76	0.2099E+02	1.44	4.53	-2.46	6.11	0.0965E+06	0.1364E+06	4790.00	271.51
126.00	0.2705E+010.6371E-02		534.94	0.1824E+02	1.49	4.54	-3.00	6.47	0.0766E+06	0.1400E+06	4829.00	277.10

SUMMARY TABLE FOR BODY POINT 1307
XB= 329.8 THETAB= 270.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2452E+000.1809E-01	123.95	0.2031E+04	0.16	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	1.23
15.00	0.4106E+000.2811E-01	125.01	0.1931E+04	0.27	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.87
20.00	0.5762E+000.3631E-01	126.27	0.1840E+04	0.39	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	5.33
25.00	0.7368E+000.4300E-01	127.51	0.1684E+04	0.51	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	8.61
30.00	0.8954E+000.4823E-01	128.97	0.1545E+04	0.65	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	12.69
35.00	0.9616E+000.5008E-01	129.60	0.1362E+04	0.77	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	17.33
40.00	0.1028E+010.5086E-01	130.61	0.1219E+04	0.90	1.00	0.90	-2.79	-2.02	0.3827E+07	0.1702E+05	965.30	22.31
45.00	0.1035E+010.5019E-01	131.02	0.1060E+04	0.99	0.99	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	27.46
50.00	0.9952E+000.4661E-01	131.75	0.1134E+04	0.94	0.94	1.15	-4.41	2.02	0.3759E+07	0.2584E+05	1183.00	32.54
55.00	0.9323E+000.4318E-01	131.99	0.9890E+03	0.89	0.89	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	37.36
60.00	0.9244E+000.3919E-01	133.99	0.8136E+03	0.84	0.84	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	42.00
62.00	0.9570E+000.3740E-01	135.99	0.7511E+03	0.82	0.82	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	43.88
64.00	0.1015E+010.3568E-01	138.83	0.6948E+03	0.80	0.80	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	45.85
66.00	0.1093E+010.3395E-01	142.61	0.6435E+03	0.78	0.78	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	47.96
68.00	0.1174E+010.3215E-01	146.92	0.5944E+03	0.77	0.77	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	50.23
70.00	0.1259E+010.3041E-01	151.80	0.5499E+03	0.75	0.75	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	52.66
72.00	0.1344E+010.2868E-01	157.28	0.5078E+03	0.73	0.73	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	55.26
74.00	0.1436E+010.2703E-01	163.52	0.4699E+03	0.71	0.71	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	58.04
76.00	0.1533E+010.2542E-01	170.70	0.4345E+03	0.70	0.70	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	61.01
78.00	0.1635E+010.2383E-01	179.01	0.4013E+03	0.68	0.68	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2206.00	64.18
80.00	0.1739E+010.2223E-01	188.63	0.3702E+03	0.67	0.67	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	67.55
82.00	0.1837E+010.2081E-01	198.67	0.3440E+03	0.66	0.66	2.53	0.41	-3.46	0.1755E+07	0.6241E+05	2423.00	71.13
84.00	0.1936E+010.1947E-01	209.87	0.3201E+03	0.65	0.65	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	74.90
86.00	0.2031E+010.1821E-01	221.92	0.2984E+03	0.64	0.64	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	78.87
88.00	0.2126E+010.1708E-01	234.91	0.2791E+03	0.63	0.63	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	83.03
90.00	0.2151E+010.1558E-01	248.45	0.2519E+03	0.62	0.62	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	87.31
92.00	0.2262E+010.1486E-01	262.58	0.2259E+03	0.64	0.64	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	91.72
94.00	0.2398E+010.1434E-01	277.59	0.2028E+03	0.67	0.67	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	96.38
96.00	0.2526E+010.1379E-01	293.54	0.1817E+03	0.70	0.70	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	101.30
98.00	0.2627E+010.1313E-01	310.55	0.1597E+03	0.73	0.73	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	106.46
100.00	0.2771E+010.1263E-01	329.77	0.1448E+03	0.77	0.77	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	111.85
102.00	0.2841E+010.1191E-01	349.02	0.1273E+03	0.80	0.80	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	117.47
104.00	0.2893E+010.1042E-01	369.54	0.1069E+03	0.85	0.85	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	123.19
106.00	0.2923E+010.1042E-01	390.93	0.9153E+02	0.90	0.90	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	3995.00	128.99
108.00	0.2878E+010.9483E-02	413.89	0.8079E+02	0.91	0.91	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	134.79
110.00	0.2817E+010.8598E-02	437.96	0.7287E+02	0.90	0.90	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	140.48
112.00	0.2768E+010.7866E-02	462.32	0.7309E+02	0.85	0.85	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	146.07
114.00	0.2657E+010.7162E-02	481.44	0.7114E+02	0.82	0.82	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	151.49
116.00	0.2404E+010.6277E-02	493.41	0.5617E+02	0.85	0.85	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	156.56
118.00	0.2124E+010.5390E-02	504.35	0.4648E+02	0.86	0.86	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	161.08
120.00	0.1896E+010.4698E-02	513.95	0.3892E+02	0.86	0.86	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	165.10
122.00	0.1739E+010.4219E-02	522.60	0.3501E+02	0.86	0.86	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	168.74
124.00	0.1642E+010.3905E-02	531.02	0.3219E+02	0.87	0.87	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	172.12
126.00	0.1539E+010.3586E-02	539.65	0.2868E+02	0.89	0.89	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	175.30

SUMMARY TABLE FOR BODY POINT 1311
XB= 243.3 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF. (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2871E+000.2119E-01	0.2031E+04	123.95	0.2031E+04	1.00	0.16	0.11	0.58	(1.1126E+07	0.1350E+04	183.10	1.44
15.00	0.4783E+000.3275E-01	0.1931E+04	125.01	0.1931E+04	1.00	0.27	1.36	3.23	(1.1788E+07	0.2823E+04	306.30	3.35
20.00	0.6694E+000.4219E-01	0.1640E+04	126.27	0.1640E+04	1.00	0.39	2.61	5.89	(1.2391E+07	0.4296E+04	429.50	6.22
25.00	0.8522E+000.4979E-01	0.1685E+04	127.51	0.1685E+04	1.00	0.51	-0.32	4.75	(1.2933E+07	0.6939E+04	569.50	10.02
30.00	0.1028E+010.5527E-01	0.1562E+04	129.01	0.1562E+04	1.00	0.65	-3.24	3.62	(1.3401E+07	0.9582E+04	709.40	14.72
35.00	0.1109E+010.5759E-01	0.1383E+04	129.66	0.1383E+04	1.00	0.77	-3.02	2.82	(1.3647E+07	0.1330E+05	837.30	20.07
40.00	0.1190E+010.5877E-01	0.1232E+04	130.65	0.1232E+04	1.00	0.90	-3.48	2.02	(1.3827E+07	0.1702E+05	965.30	25.81
45.00	0.1218E+010.5884E-01	0.1083E+04	131.10	0.1083E+04	1.00	1.02	-3.95	-1.87	(1.3821E+07	0.2131E+05	1073.00	31.83
50.00	0.1150E+010.5676E-01	0.130.66	130.66	0.9394E+03	1.01	1.15	-4.41	-2.02	(1.3759E+07	0.2584E+05	1183.00	37.75
55.00	0.1245E+010.5734E-01	0.132.12	132.12	0.1050E+04	1.02	1.29	-4.15	-2.12	(1.3657E+07	0.3059E+05	1301.00	43.74
60.00	0.1409E+010.5603E-01	0.134.05	134.05	0.8605E+03	1.02	1.46	-3.78	-2.06	(1.3496E+07	0.3556E+05	1435.00	50.17
64.00	0.1546E+010.5399E-01	0.139.04	139.04	0.7388E+03	1.03	1.62	-3.61	-1.90	(1.3395E+07	0.3763E+05	1569.00	55.86
66.00	0.1707E+010.5270E-01	0.142.79	142.79	0.6784E+03	1.03	1.71	-3.57	-1.82	(1.3282E+07	0.3975E+05	1647.00	59.11
70.00	0.2059E+010.4956E-01	0.151.95	151.95	0.5730E+03	1.03	1.89	-3.01	-1.80	(1.3151E+07	0.4195E+05	1729.00	62.70
72.00	0.2236E+010.4760E-01	0.157.38	157.38	0.5222E+03	1.03	1.99	-2.69	-1.86	(1.2845E+07	0.4658E+05	1814.00	66.64
74.00	0.2427E+010.4566E-01	0.163.56	163.56	0.4753E+03	1.03	2.10	-2.41	-1.94	(1.2515E+07	0.5153E+05	1999.00	75.60
76.00	0.2629E+010.4362E-01	0.170.67	170.67	0.4310E+03	1.04	2.21	-2.14	-2.34	(1.2341E+07	0.5413E+05	2100.00	80.65
78.00	0.2824E+010.4124E-01	0.178.87	178.87	0.3868E+03	1.04	2.32	-1.73	-2.61	(1.2152E+07	0.5681E+05	2206.00	86.11
80.00	0.2980E+010.3826E-01	0.188.30	188.30	0.3399E+03	1.05	2.42	-1.04	-3.01	(1.1941E+07	0.5957E+05	2313.00	91.91
82.00	0.3172E+010.3614E-01	0.198.17	198.17	0.3039E+03	1.06	2.53	-0.76	-3.46	(1.1755E+07	0.6241E+05	2423.00	98.06
84.00	0.3424E+010.3464E-01	0.209.26	209.26	0.2770E+03	1.09	2.64	-0.98	-3.98	(1.1574E+07	0.6532E+05	2539.00	104.66
86.00	0.3675E+010.3318E-01	0.221.14	221.14	0.2525E+03	1.11	2.75	-1.27	-4.60	(1.1402E+07	0.6831E+05	2656.00	111.76
88.00	0.3897E+010.3154E-01	0.233.94	233.94	0.2294E+03	1.13	2.87	-1.57	-5.13	(1.1244E+07	0.7139E+05	2777.00	119.33
90.00	0.4030E+010.2941E-01	0.247.41	247.41	0.2072E+03	1.14	2.98	-1.62	-5.10	(1.1100E+07	0.7454E+05	2901.00	127.25
92.00	0.4477E+010.2963E-01	0.261.49	261.49	0.1864E+03	1.24	3.10	-1.64	-5.00	(1.9720E+06	0.7777E+05	3025.00	135.76
94.00	0.5025E+010.3026E-01	0.276.44	276.44	0.1673E+03	1.37	3.22	-1.63	-4.94	(1.8583E+06	0.8108E+05	3154.00	145.26
96.00	0.5589E+010.3072E-01	0.292.33	292.33	0.1498E+03	1.51	3.35	-1.62	-4.87	(1.7572E+06	0.8446E+05	3286.00	155.88
98.00	0.6028E+010.3029E-01	0.309.42	309.42	0.1338E+03	1.62	3.47	-1.59	-4.51	(1.6662E+06	0.8791E+05	3422.00	167.49
100.00	0.6767E+010.3103E-01	0.328.47	328.47	0.1193E+03	1.82	3.61	-1.60	-4.72	(1.5826E+06	0.9142E+05	3566.00	180.29
102.00	0.7156E+010.3015E-01	0.347.72	347.72	0.1057E+03	1.95	3.73	-1.57	-4.52	(1.5054E+06	0.9500E+05	3705.00	194.21
104.00	0.6921E+010.2680E-01	0.368.62	368.62	0.9394E+02	1.91	3.86	-1.63	-3.62	(1.4373E+06	0.9864E+05	3850.00	208.29
106.00	0.6778E+010.2422E-01	0.390.24	390.24	0.8329E+02	1.90	3.98	-1.65	-3.09	(1.3779E+06	0.1023E+06	3995.00	221.99
108.00	0.6642E+010.2194E-01	0.413.20	413.20	0.7380E+02	1.91	4.11	-1.70	-3.03	(1.3264E+06	0.1099E+06	4143.00	235.41
110.00	0.6719E+010.2057E-01	0.437.08	437.08	0.6544E+02	1.98	4.23	-1.70	-3.03	(1.2814E+06	0.1176E+06	4293.00	248.77
112.00	0.6758E+010.2277E-01	0.459.86	459.86	0.5555E+02	2.50	4.35	-1.20	-5.24	(1.2416E+06	0.1137E+06	4432.00	263.44
114.00	0.7372E+010.2010E-01	0.477.25	477.25	0.4583E+02	2.56	4.42	-0.51	-6.99	(1.2055E+06	0.1214E+06	4535.00	282.90
116.00	0.6756E+010.1778E-01	0.490.40	490.40	0.4084E+02	2.52	4.47	-0.97	-5.59	(1.1738E+06	0.1214E+06	4605.00	292.90
118.00	0.6109E+010.1559E-01	0.502.11	502.11	0.3689E+02	2.44	4.50	-1.58	-4.93	(1.1470E+06	0.1252E+06	4665.00	305.77
120.00	0.5223E+010.1301E-01	0.511.93	511.93	0.3160E+02	2.32	4.52	-1.50	-4.49	(1.1244E+06	0.1290E+06	4715.00	317.10
122.00	0.4978E+010.1214E-01	0.520.29	520.29	0.2785E+02	2.43	4.52	-1.80	-5.14	(1.1054E+06	0.1327E+06	4754.00	327.30
124.00	0.4451E+010.1068E-01	0.527.18	527.18	0.2208E+02	2.55	4.53	-0.64	-6.11	(1.0896E+05	0.1364E+06	4790.00	336.73
126.00	0.4032E+010.9494E-02	0.535.08	535.08	0.1853E+02	2.61	4.54	-0.19	-6.47	(1.7667E+05	0.1400E+06	4829.00	345.21

SUMMARY TABLE FOR BODY POINT 1313
XB= 329.4 THETAB= 5.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2452E+000.1809E-01	123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	1.23	
15.00	0.4106E+000.2811E-01	125.01	0.1931E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.87	
20.00	0.5762E+000.3631E-01	126.27	0.1840E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	5.33	
25.00	0.7358E+000.4300E-01	127.51	0.1848E+04	1.00	0.51	-0.32	-4.75	0.2933E+07	0.6939E+04	569.50	8.61	
30.00	0.8888E+000.4778E-01	129.00	0.1560E+04	1.00	0.65	-3.24	-3.62	0.3401E+07	0.9582E+04	709.40	12.67	
35.00	0.9583E+000.4978E-01	129.65	0.1381E+04	1.00	0.77	-3.02	-2.82	0.3647E+07	0.1330E+05	837.30	17.29	
40.00	0.1028E+010.5077E-01	130.65	0.1234E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	22.26	
45.00	0.1049E+010.5073E-01	131.09	0.1081E+04	1.00	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	27.45	
50.00	0.9802E+000.4814E-01	130.76	0.9515E+03	0.99	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	32.53	
55.00	0.1048E+010.4829E-01	132.09	0.1053E+04	0.99	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	37.60	
60.00	0.1098E+010.4648E-01	134.03	0.8548E+03	0.98	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	42.96	
62.00	0.1160E+010.4531E-01	136.01	0.7896E+03	0.98	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	45.22	
64.00	0.1265E+010.4421E-01	139.01	0.7323E+03	0.97	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	47.64	
66.00	0.1387E+010.4286E-01	142.77	0.6742E+03	0.97	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	50.30	
68.00	0.1519E+010.4142E-01	147.07	0.6216E+03	0.97	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	53.20	
70.00	0.1652E+010.3978E-01	151.93	0.5695E+03	0.96	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	56.37	
72.00	0.1781E+010.3793E-01	157.35	0.5187E+03	0.96	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	59.81	
74.00	0.1918E+010.3611E-01	163.53	0.4717E+03	0.95	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	63.51	
76.00	0.2061E+010.3421E-01	170.63	0.4273E+03	0.95	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	67.49	
78.00	0.2192E+010.3203E-01	178.84	0.3830E+03	0.94	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	71.74	
80.00	0.2280E+010.2929E-01	188.25	0.3595E+03	0.94	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	76.21	
82.00	0.2420E+010.2759E-01	198.12	0.2995E+03	0.95	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	80.91	
84.00	0.2626E+010.2659E-01	209.19	0.2723E+03	0.98	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	85.96	
86.00	0.2846E+010.2572E-01	221.06	0.2475E+03	1.01	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	91.43	
88.00	0.3031E+010.2455E-01	233.83	0.2238E+03	1.04	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	97.31	
90.00	0.3126E+010.2284E-01	247.28	0.2021E+03	1.04	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	103.46	
92.00	0.3316E+010.2196E-01	261.36	0.1818E+03	1.08	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	109.90	
94.00	0.3515E+010.2119E-01	276.30	0.1631E+03	1.13	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	116.74	
96.00	0.3702E+010.2037E-01	292.18	0.1460E+03	1.18	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	123.95	
98.00	0.4113E+010.2068E-01	309.29	0.1309E+03	1.31	3.47	-0.85	4.51	0.6622E+06	0.8791E+05	3422.00	131.77	
100.00	0.4854E+010.2227E-01	328.32	0.1167E+03	1.54	3.61	-0.83	4.72	0.5826E+06	0.9142E+05	3566.00	140.74	
102.00	0.5500E+010.2319E-01	347.57	0.1032E+03	1.77	3.73	-0.82	4.52	0.5054E+06	0.9500E+05	3705.00	151.09	
104.00	0.5880E+010.2218E-01	368.41	0.9101E+02	1.93	3.86	-0.82	3.62	0.4373E+06	0.9864E+05	3850.00	162.47	
106.00	0.6201E+010.2218E-01	389.99	0.8036E+02	2.08	3.98	-0.84	3.09	0.3779E+06	0.1023E+06	3995.00	174.55	
108.00	0.6109E+010.2019E-01	412.94	0.7126E+02	2.09	4.11	-0.89	3.03	0.3264E+06	0.1061E+06	4143.00	186.86	
110.00	0.6038E+010.1850E-01	436.83	0.6332E+02	2.12	4.23	-0.95	3.30	0.2814E+06	0.1099E+06	4293.00	199.01	
112.00	0.6837E+010.1956E-01	459.90	0.5581E+02	2.50	4.35	-0.81	5.24	0.2416E+06	0.1137E+06	4432.00	211.88	
114.00	0.7175E+010.1934E-01	477.61	0.4799E+02	2.83	4.42	-0.51	6.99	0.2055E+06	0.1176E+06	4535.00	225.90	
116.00	0.6286E+010.1655E-01	490.13	0.3959E+02	2.81	4.47	-0.05	5.59	0.1738E+06	0.1214E+06	4605.00	239.36	
118.00	0.5458E+010.1396E-01	501.28	0.339E+02	2.73	4.50	0.16	4.93	0.1470E+06	0.1252E+06	4665.00	251.10	
120.00	0.4789E+010.1195E-01	511.24	0.2911E+02	2.64	4.52	-0.03	4.49	0.1244E+06	0.1290E+06	4715.00	261.35	
122.00	0.4464E+010.1091E-01	519.50	0.2543E+02	2.72	4.52	-0.14	5.14	0.1054E+06	0.1327E+06	4754.00	270.60	
124.00	0.4145E+010.9951E-02	526.93	0.2143E+02	2.86	4.53	0.27	6.11	0.0955E+05	0.1364E+06	4790.00	279.21	
126.00	0.3860E+010.9080E-02	535.47	0.1938E+02	2.87	4.54	-0.19	6.47	0.7667E+05	0.1400E+06	4829.00	287.22	

SUMMARY TABLE FOR BODY POINT 1326
XB= 243.3 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2871E+000.2119E-01	0.2031E+04	123.95	0.2031E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.44
15.00	0.4783E+000.3275E-01	0.1931E+04	125.01	0.1931E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	3.35
20.00	0.6694E+000.4219E-01	0.1840E+04	126.27	0.1840E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	6.22
25.00	0.8531E+000.4986E-01	0.1684E+04	127.51	0.1684E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	10.02
30.00	0.1037E+010.5585E-01	0.1545E+04	128.97	0.1545E+04	1.00	0.65	-3.24	-1.81	0.3401E+07	0.9582E+04	709.40	14.75
35.00	0.1113E+010.5797E-01	0.1362E+04	129.60	0.1362E+04	1.00	0.77	-3.02	-1.41	0.3647E+07	0.1330E+05	837.30	20.12
40.00	0.1189E+010.5885E-01	0.1219E+04	130.61	0.1219E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	25.88
45.00	0.1212E+010.5877E-01	0.1060E+04	131.02	0.1060E+04	1.00	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	31.88
50.00	0.1274E+010.5968E-01	0.1134E+04	131.75	0.1134E+04	1.04	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	38.10
55.00	0.1296E+010.5987E-01	0.9221E+03	132.05	0.9221E+03	1.08	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	44.53
60.00	0.1387E+010.5867E-01	0.7616E+03	134.05	0.7616E+03	1.11	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	51.23
62.00	0.1480E+010.5774E-01	0.7046E+03	136.03	0.7046E+03	1.12	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	54.10
64.00	0.1612E+010.5710E-01	0.6527E+03	138.63	0.6527E+03	1.14	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	57.19
66.00	0.1798E+010.5620E-01	0.6038E+03	142.40	0.6038E+03	1.15	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	60.60
68.00	0.1998E+010.5505E-01	0.5570E+03	146.70	0.5570E+03	1.17	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	64.40
70.00	0.2215E+010.5381E-01	0.5125E+03	151.57	0.5125E+03	1.18	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	68.61
72.00	0.2443E+010.5241E-01	0.4705E+03	157.02	0.4705E+03	1.20	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	73.27
74.00	0.2698E+010.5108E-01	0.4310E+03	163.22	0.4310E+03	1.22	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	78.41
76.00	0.2979E+010.4969E-01	0.3938E+03	170.35	0.3938E+03	1.24	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	84.09
78.00	0.3280E+010.4614E-01	0.3583E+03	178.60	0.3583E+03	1.27	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	90.35
80.00	0.3586E+010.4614E-01	0.3239E+03	188.12	0.3239E+03	1.30	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	97.22
82.00	0.3933E+010.4488E-01	0.2930E+03	198.04	0.2930E+03	1.35	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	104.74
84.00	0.4327E+010.4385E-01	0.2640E+03	209.07	0.2640E+03	1.42	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	113.00
86.00	0.4742E+010.4292E-01	0.2370E+03	220.88	0.2370E+03	1.49	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	122.06
88.00	0.5091E+010.4134E-01	0.2101E+03	233.54	0.2101E+03	1.56	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	131.90
90.00	0.5311E+010.3889E-01	0.1888E+03	246.96	0.1888E+03	1.59	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	142.30
92.00	0.5880E+010.3904E-01	0.1691E+03	261.00	0.1691E+03	1.73	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	153.49
94.00	0.6570E+010.3969E-01	0.1514E+03	275.92	0.1514E+03	1.91	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	165.94
96.00	0.7284E+010.4016E-01	0.1353E+03	291.77	0.1353E+03	2.10	3.35	-0.85	-4.87	0.7572E+06	0.8446E+05	3286.00	179.79
98.00	0.7793E+010.3927E-01	0.1206E+03	308.83	0.1206E+03	2.24	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	194.87
100.00	0.8776E+010.4036E-01	0.1073E+03	327.83	0.1073E+03	2.52	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	211.44
102.00	0.9253E+010.3910E-01	0.9492E+02	347.06	0.9492E+02	2.70	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	229.47
104.00	0.8860E+010.3441E-01	0.8396E+02	367.91	0.8396E+02	2.62	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	247.58
106.00	0.8652E+010.3100E-01	0.7414E+02	389.47	0.7414E+02	2.62	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	265.09
108.00	0.8457E+010.2801E-01	0.6546E+02	412.36	0.6546E+02	2.62	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	282.20
110.00	0.8541E+010.2622E-01	0.5773E+02	436.17	0.5773E+02	2.73	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	299.20
112.00	0.1042E+020.2988E-01	0.5069E+02	459.18	0.5069E+02	3.47	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	318.16
114.00	0.1063E+020.2899E-01	0.4403E+02	476.95	0.4403E+02	3.79	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	339.21
116.00	0.9094E+010.2397E-01	0.3794E+02	489.80	0.3794E+02	3.56	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	358.93
118.00	0.7960E+010.2037E-01	0.3267E+02	501.12	0.3267E+02	3.44	4.50	0.74	-4.93	0.1470E+06	0.1252E+06	4665.00	375.98
120.00	0.6818E+010.1702E-01	0.2815E+02	510.98	0.2815E+02	3.27	4.52	1.44	-4.49	0.1244E+06	0.1290E+06	4715.00	390.76
122.00	0.6546E+010.1602E-01	0.2427E+02	519.12	0.2427E+02	3.49	4.52	1.53	-5.14	0.1054E+06	0.1327E+06	4754.00	404.13
124.00	0.6199E+010.1489E-01	0.2099E+02	526.76	0.2099E+02	3.68	4.53	1.18	-6.11	0.8965E+05	0.1364E+06	4790.00	416.87
126.00	0.5701E+010.1343E-01	0.1824E+02	534.94	0.1824E+02	3.73	4.54	0.74	-6.47	0.7667E+05	0.1400E+06	4829.00	428.77

SUMMARY TABLE FOR BODY POINT 1449
XB= 276.1 THETAB= 20.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	LOAD
10.00	0.2649E+000.1954E-01	123.95	0.2031E+04	0.16	1.00	0.16	0.11	0.29	0.1126E+07	0.1350E+04	183.10	1.32
15.00	0.4424E+000.3029E-01	125.01	0.1931E+04	0.27	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	3.09
20.00	0.6200E+000.3907E-01	126.27	0.1840E+04	0.39	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	5.75
25.00	0.7910E+000.4622E-01	127.51	0.1684E+04	0.51	1.00	0.51	-0.32	-2.38	0.2933E+07	0.6939E+04	569.50	9.28
30.00	0.9576E+000.5151E-01	128.99	0.1554E+04	0.65	1.00	0.65	-3.24	-3.62	0.3401E+07	0.9582E+04	709.40	13.65
35.00	0.1030E+010.5357E-01	129.66	0.1375E+04	0.77	1.00	0.77	-3.02	-2.82	0.3647E+07	0.1330E+05	837.30	18.62
40.00	0.1104E+010.5451E-01	130.66	0.1237E+04	0.90	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	23.95
45.00	0.1141E+010.5509E-01	131.11	0.1087E+04	1.02	1.01	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	29.57
50.00	0.1156E+010.5607E-01	131.02	0.9993E+03	1.15	1.07	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	35.31
55.00	0.1295E+010.5998E-01	131.99	0.1023E+04	1.29	1.15	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	41.44
60.00	0.1443E+010.6125E-01	133.97	0.8337E+03	1.46	1.21	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	48.28
62.00	0.1566E+010.6124E-01	135.97	0.7715E+03	1.53	1.24	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	51.29
64.00	0.1755E+010.6148E-01	138.94	0.7159E+03	1.62	1.27	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	54.61
66.00	0.1977E+010.6122E-01	142.69	0.6595E+03	1.71	1.30	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	58.34
68.00	0.2224E+010.6077E-01	146.99	0.6080E+03	1.80	1.33	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	62.54
70.00	0.2481E+010.5963E-01	152.01	0.5833E+03	1.89	1.33	1.89	-3.01	1.86	0.2845E+07	0.4658E+05	1814.00	67.25
72.00	0.2753E+010.5852E-01	157.44	0.5324E+03	1.99	1.35	1.99	-2.69	1.94	0.2681E+07	0.4902E+05	1904.00	72.48
74.00	0.3049E+010.5726E-01	163.64	0.4859E+03	2.10	1.38	2.10	-2.41	2.12	0.2515E+07	0.5153E+05	1999.00	78.29
76.00	0.3366E+010.5575E-01	170.77	0.4427E+03	2.21	1.41	2.21	-2.14	2.34	0.2341E+07	0.5413E+05	2100.00	84.70
78.00	0.3678E+010.5362E-01	179.00	0.3998E+03	2.32	1.43	2.32	-1.73	2.61	0.2152E+07	0.5681E+05	2206.00	91.74
80.00	0.3934E+010.5040E-01	188.46	0.3548E+03	2.42	1.45	2.42	-1.04	3.01	0.1941E+07	0.5957E+05	2313.00	99.36
82.00	0.4174E+010.4750E-01	198.27	0.3117E+03	2.53	1.49	2.53	-0.76	1.73	0.1755E+07	0.6241E+05	2423.00	107.46
84.00	0.4506E+010.4553E-01	209.38	0.2852E+03	2.64	1.51	2.64	-0.98	1.99	0.1574E+07	0.6532E+05	2539.00	116.14
86.00	0.4826E+010.4352E-01	221.29	0.2611E+03	2.75	1.54	2.75	-1.27	2.30	0.1402E+07	0.6831E+05	2656.00	125.48
88.00	0.5141E+010.4155E-01	234.14	0.2390E+03	2.87	1.57	2.87	-1.57	2.56	0.1244E+07	0.7139E+05	2777.00	135.44
90.00	0.5391E+010.3929E-01	247.62	0.2161E+03	2.98	1.60	2.98	-1.62	2.55	0.1100E+07	0.7454E+05	2901.00	145.98
92.00	0.5595E+010.3698E-01	261.71	0.1944E+03	3.10	1.62	3.10	-1.64	2.50	0.9720E+06	0.7777E+05	3025.00	156.96
94.00	0.5772E+010.3471E-01	276.68	0.1746E+03	3.22	1.65	3.22	-1.63	2.47	0.8583E+06	0.8108E+05	3154.00	168.33
96.00	0.5911E+010.3245E-01	292.59	0.1564E+03	3.35	1.67	3.35	-1.62	2.44	0.7572E+06	0.8446E+05	3286.00	180.01
98.00	0.6006E+010.3014E-01	309.67	0.1393E+03	3.47	1.70	3.47	-1.59	2.25	0.6662E+06	0.8791E+05	3422.00	191.93
100.00	0.6120E+010.2803E-01	328.75	0.1247E+03	3.61	1.73	3.61	-1.60	2.36	0.5826E+06	0.9142E+05	3566.00	204.06
102.00	0.6125E+010.2574E-01	348.33	0.1157E+03	3.73	1.70	3.73	-1.57	4.52	0.5054E+06	0.9500E+05	3705.00	216.30
104.00	0.6192E+010.2393E-01	369.13	0.1010E+03	3.86	1.76	3.86	-1.61	3.62	0.4373E+06	0.9864E+05	3850.00	228.62
106.00	0.6176E+010.2204E-01	390.69	0.8866E+02	3.98	1.80	3.98	-1.63	3.09	0.3779E+06	0.1023E+06	3995.00	240.99
108.00	0.6064E+010.2000E-01	413.67	0.7854E+02	4.11	1.81	4.11	-1.65	3.03	0.3264E+06	0.1061E+06	4143.00	253.23
110.00	0.5925E+010.1811E-01	437.63	0.7009E+02	4.23	1.80	4.23	-1.70	3.30	0.2814E+06	0.1099E+06	4293.00	265.21
112.00	0.5653E+010.1612E-01	461.07	0.6415E+02	4.35	1.75	4.35	-1.59	5.24	0.2416E+06	0.1137E+06	4432.00	276.79
114.00	0.5512E+010.1494E-01	479.40	0.5872E+02	4.42	1.77	4.42	-1.72	6.99	0.2055E+06	0.1176E+06	4535.00	287.96
116.00	0.4986E+010.1306E-01	492.11	0.4959E+02	4.47	1.78	4.47	-1.89	5.59	0.1738E+06	0.1214E+06	4605.00	298.46
118.00	0.4338E+010.1105E-01	503.12	0.4120E+02	4.50	1.75	4.50	-1.58	4.93	0.1470E+06	0.1252E+06	4665.00	307.78
120.00	0.3881E+010.9642E-02	512.86	0.3493E+02	4.52	1.75	4.52	-1.50	4.49	0.1244E+06	0.1290E+06	4715.00	316.00
122.00	0.3596E+010.8749E-02	521.39	0.3124E+02	4.52	1.77	4.52	-1.80	5.14	0.1054E+06	0.1327E+06	4754.00	323.48
124.00	0.3483E+010.8306E-02	529.78	0.2886E+02	4.53	1.83	4.53	-2.46	6.11	0.8965E+05	0.1364E+06	4790.00	330.56
126.00	0.3310E+010.7731E-02	538.55	0.2617E+02	4.54	1.87	4.54	-3.00	6.47	0.7667E+05	0.1400E+06	4829.00	337.35

SUMMARY TABLE FOR BODY POINT 1451
XB= 292.1 THETAB= 20.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REIN F (FT- 1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2564E+000.1892E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.29	0.1126 E+07	0.1350E+04	183.10	1.28
15.00	0.4287E+000.2935E-01		125.01	0.1931E+04	1.00	0.27	1.36	3.23	0.1788 E+07	0.2823E+04	306.30	2.99
20.00	0.6012E+000.3789E-01		126.27	0.1840E+04	1.00	0.39	2.61	5.89	0.2391 E+07	0.4296E+04	429.50	5.57
25.00	0.7672E+000.4484E-01		127.51	0.1684E+04	1.00	0.51	-0.32	-2.38	0.2933 E+07	0.6939E+04	569.50	8.99
30.00	0.9291E+000.4998E-01		128.99	0.1554E+04	1.00	0.65	-3.24	-3.62	0.3401 E+07	0.9582E+04	709.40	13.23
35.00	0.9999E+000.5199E-01		129.63	0.1375E+04	1.00	0.77	-3.02	-2.82	0.3647 E+07	0.1330E+05	837.30	18.05
40.00	0.1072E+010.5289E-01		130.66	0.1237E+04	1.00	0.90	-3.48	2.02	0.3827 E+07	0.1702E+05	965.30	23.23
45.00	0.1112E+010.5369E-01		131.11	0.1087E+04	1.01	1.02	-3.95	1.87	0.3821 E+07	0.2131E+05	1073.00	28.69
50.00	0.1146E+010.5559E-01		131.02	0.9933E+03	1.09	1.15	-2.76	-2.02	0.3759 E+07	0.2584E+05	1183.00	34.34
55.00	0.1317E+010.6103E-01		131.99	0.1023E+04	1.20	1.29	-4.15	-2.12	0.3657 E+07	0.3059E+05	1301.00	40.50
60.00	0.1498E+010.6356E-01		133.97	0.8337E+03	1.30	1.46	-3.78	-2.06	0.3496 E+07	0.3556E+05	1435.00	47.53
62.00	0.1637E+010.6374E-01		136.09	0.8084E+03	1.31	1.53	-3.61	1.90	0.3395 E+07	0.3763E+05	1497.00	50.67
64.00	0.1854E+010.6462E-01		139.08	0.7473E+03	1.36	1.62	-3.57	1.82	0.3282 E+07	0.3975E+05	1569.00	54.16
66.00	0.2108E+010.6515E-01		142.76	0.6734E+03	1.41	1.71	-3.35	0.00	0.3151 E+07	0.4195E+05	1647.00	58.12
68.00	0.2395E+010.6532E-01		147.07	0.6209E+03	1.46	1.80	-3.23	0.00	0.3003 E+07	0.4423E+05	1729.00	62.63
70.00	0.2699E+010.6500E-01		151.93	0.5693E+03	1.51	1.89	-3.01	0.00	0.2845 E+07	0.4658E+05	1814.00	67.72
72.00	0.3014E+010.6419E-01		157.35	0.5191E+03	1.55	1.99	-2.69	0.00	0.2681 E+07	0.4902E+05	1904.00	73.43
74.00	0.3359E+010.6321E-01		163.54	0.4766E+03	1.60	2.10	-2.41	0.00	0.2515 E+07	0.5153E+05	1999.00	79.81
76.00	0.3729E+010.6189E-01		170.65	0.4288E+03	1.64	2.21	-2.14	0.00	0.2341 E+07	0.5413E+05	2100.00	86.89
78.00	0.4087E+010.5970E-01		178.86	0.3851E+03	1.68	2.32	-1.73	0.00	0.2152 E+07	0.5681E+05	2206.00	94.71
80.00	0.4359E+010.5596E-01		188.29	0.3390E+03	1.71	2.42	-1.04	0.00	0.1941 E+07	0.5957E+05	2313.00	103.15
82.00	0.4669E+010.5319E-01		198.17	0.3032E+03	1.75	2.53	-0.76	0.00	0.1755 E+07	0.6241E+05	2423.00	112.18
84.00	0.5081E+010.5141E-01		209.25	0.2762E+03	1.80	2.64	-0.98	0.00	0.1574 E+07	0.6532E+05	2539.00	121.93
86.00	0.5492E+010.4960E-01		221.13	0.2515E+03	1.85	2.75	-1.27	0.00	0.1402 E+07	0.6831E+05	2656.00	132.50
88.00	0.5893E+010.4771E-01		233.92	0.2283E+03	1.91	2.87	-1.57	0.00	0.1244 E+07	0.7139E+05	2777.00	143.89
90.00	0.6224E+010.4544E-01		247.38	0.2061E+03	1.96	2.98	-1.62	0.00	0.1100 E+07	0.7454E+05	2901.00	156.01
92.00	0.6762E+010.4476E-01		261.46	0.1854E+03	2.09	3.10	-1.64	0.00	0.09720 E+06	0.7777E+05	3025.00	168.99
94.00	0.7355E+010.4430E-01		276.41	0.1664E+03	2.24	3.22	-1.63	0.00	0.08583 E+06	0.8108E+05	3154.00	183.11
96.00	0.7940E+010.4355E-01		292.30	0.1489E+03	2.40	3.35	-1.62	0.00	0.07572 E+06	0.8446E+05	3286.00	198.40
98.00	0.8512E+010.4278E-01		309.38	0.1330E+03	2.56	3.47	-1.59	0.00	0.06662 E+06	0.8791E+05	3422.00	214.86
100.00	0.9122E+010.4184E-01		328.43	0.1186E+03	2.74	3.61	-1.60	0.00	0.05826 E+06	0.9142E+05	3566.00	232.49
102.00	0.9558E+010.4028E-01		347.68	0.1050E+03	2.91	3.73	-1.57	0.00	0.05054 E+06	0.9500E+05	3705.00	251.17
104.00	0.1002E+020.3862E-01		368.58	0.9334E+02	3.09	3.86	-1.61	0.00	0.04373 E+06	0.9864E+05	3850.00	270.75
106.00	0.1041E+020.3720E-01		390.19	0.8274E+02	3.28	3.98	-1.63	0.00	0.03779 E+06	0.1023E+06	3995.00	291.18
108.00	0.1028E+020.3395E-01		413.15	0.7330E+02	3.31	4.11	-1.65	0.00	0.03264 E+06	0.1061E+06	4143.00	311.87
110.00	0.1003E+020.3070E-01		437.03	0.6498E+02	3.33	4.23	-1.70	0.00	0.02814 E+06	0.1099E+06	4293.00	332.17
112.00	0.9545E+010.2730E-01		460.03	0.5674E+02	3.30	4.35	-1.59	0.00	0.02416 E+06	0.1137E+06	4432.00	351.74
114.00	0.8990E+010.2446E-01		477.91	0.4976E+02	3.32	4.42	-1.72	0.00	0.02055 E+06	0.1176E+06	4535.00	370.28
116.00	0.8307E+010.2183E-01		490.89	0.4364E+02	3.34	4.47	-1.89	0.00	0.01738 E+06	0.1214E+06	4605.00	387.58
118.00	0.7344E+010.1875E-01		502.05	0.3664E+02	3.30	4.50	-1.58	0.00	0.01470 E+06	0.1252E+06	4665.00	403.23
120.00	0.6574E+010.1638E-01		511.88	0.3139E+02	3.29	4.52	-1.50	0.00	0.01244 E+06	0.1290E+06	4715.00	417.15
122.00	0.6039E+010.1474E-01		520.22	0.2763E+02	3.33	4.52	-1.80	0.00	0.01054 E+06	0.1327E+06	4754.00	429.76
124.00	0.5702E+010.1364E-01		528.31	0.2497E+02	3.39	4.53	-2.46	0.00	0.00895 E+05	0.1364E+06	4790.00	441.50
126.00	0.5453E+010.1274E-01		538.55	0.2617E+02	3.19	4.54	-3.00	6.47	0.07667 E+05	0.1400E+06	4829.00	452.65

SUMMARY TABLE FOR BODY POINT 1455
XB= 292.1 THETAB= 32.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	LOAD
10.00	0.2564E+000.1892E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.28
15.00	0.4287E+000.2935E-01		125.01	0.1931E+04	1.00	0.27	1.36	1.62	0.1788E+07	0.2823E+04	306.30	2.99
20.00	0.6012E+000.3789E-01		126.27	0.1840E+04	1.00	0.39	2.61	2.94	0.2391E+07	0.4296E+04	429.50	5.57
25.00	0.7672E+000.4484E-01		127.51	0.1684E+04	1.00	0.51	-0.32	-2.38	0.2933E+07	0.6939E+04	569.50	8.99
30.00	0.9314E+000.5014E-01		128.98	0.1549E+04	1.00	0.65	-3.24	-3.62	0.3401E+07	0.9582E+04	709.40	13.24
35.00	0.1001E+010.5208E-01		129.62	0.1369E+04	1.00	0.77	-3.02	-2.82	0.3647E+07	0.1330E+05	837.30	18.07
40.00	0.1072E+010.5289E-01		130.66	0.1238E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	23.25
45.00	0.1111E+010.5366E-01		131.11	0.1087E+04	1.01	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	28.71
50.00	0.1147E+010.5498E-01		131.26	0.1044E+04	1.07	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	34.35
55.00	0.1301E+010.5971E-01		132.18	0.1079E+04	1.18	1.29	-4.15	2.12	0.3657E+07	0.3059E+05	1301.00	40.47
60.00	0.1479E+010.6238E-01		134.12	0.8758E+03	1.26	1.46	-3.78	2.06	0.3496E+07	0.3556E+05	1435.00	47.42
62.00	0.1613E+010.6280E-01		136.09	0.8071E+03	1.29	1.53	-3.61	1.90	0.3395E+07	0.3763E+05	1497.00	50.51
64.00	0.1821E+010.6349E-01		139.09	0.7477E+03	1.33	1.62	-3.57	1.82	0.3282E+07	0.3975E+05	1569.00	53.95
66.00	0.2060E+010.6351E-01		142.84	0.6894E+03	1.37	1.71	-3.35	1.80	0.3151E+07	0.4195E+05	1647.00	57.83
68.00	0.2328E+010.6336E-01		147.15	0.6362E+03	1.40	1.80	-3.23	1.78	0.3003E+07	0.4423E+05	1729.00	62.22
70.00	0.2603E+010.6255E-01		152.02	0.5850E+03	1.43	1.89	-3.01	1.86	0.2845E+07	0.4658E+05	1814.00	67.15
72.00	0.2875E+010.6108E-01		157.46	0.5350E+03	1.45	1.99	-2.69	1.94	0.2681E+07	0.4902E+05	1904.00	72.63
74.00	0.3169E+010.5950E-01		163.67	0.4896E+03	1.47	2.10	-2.41	2.12	0.2515E+07	0.5153E+05	1999.00	78.67
76.00	0.3478E+010.5758E-01		170.80	0.4471E+03	1.49	2.21	-2.14	2.34	0.2341E+07	0.5413E+05	2100.00	85.32
78.00	0.3749E+010.5461E-01		179.05	0.4053E+03	1.49	2.32	-1.73	2.61	0.2152E+07	0.5681E+05	2206.00	92.55
80.00	0.3890E+010.4979E-01		188.54	0.3620E+03	1.46	2.42	-1.04	3.01	0.1941E+07	0.5957E+05	2313.00	100.19
82.00	0.4199E+010.4767E-01		198.48	0.3284E+03	1.49	2.53	-0.76	3.46	0.1755E+07	0.6241E+05	2423.00	108.28
84.00	0.4723E+010.4759E-01		209.63	0.3029E+03	1.57	2.64	-0.98	3.98	0.1574E+07	0.6532E+05	2539.00	117.20
86.00	0.5317E+010.4780E-01		221.64	0.2815E+03	1.67	2.75	-1.27	4.60	0.1402E+07	0.6831E+05	2656.00	127.24
88.00	0.5908E+010.4756E-01		234.61	0.2629E+03	1.75	2.87	-1.57	5.13	0.1244E+07	0.7139E+05	2777.00	138.46
90.00	0.6233E+010.4525E-01		248.13	0.2378E+03	1.79	2.98	-1.62	5.10	0.1100E+07	0.7454E+05	2901.00	150.60
92.00	0.6549E+010.4313E-01		262.25	0.2138E+03	1.85	3.10	-1.64	5.00	0.9720E+06	0.7777E+05	3025.00	163.38
94.00	0.6839E+010.4099E-01		277.25	0.1921E+03	1.90	3.22	-1.63	4.94	0.8583E+06	0.8108E+05	3154.00	176.77
96.00	0.7090E+010.3879E-01		293.18	0.1722E+03	1.95	3.35	-1.62	4.87	0.7572E+06	0.8446E+05	3286.00	190.70
98.00	0.7229E+010.3618E-01		310.24	0.1524E+03	1.99	3.47	-1.59	4.51	0.6662E+06	0.8791E+05	3422.00	205.02
100.00	0.7540E+010.3443E-01		329.40	0.1373E+03	2.06	3.61	-1.60	4.72	0.5826E+06	0.9142E+05	3566.00	219.79
102.00	0.7605E+010.3192E-01		348.65	0.1211E+03	2.11	3.73	-1.57	4.52	0.5054E+06	0.9500E+05	3705.00	234.93
104.00	0.7579E+010.2927E-01		369.38	0.1046E+03	2.17	3.86	-1.61	3.62	0.4373E+06	0.9864E+05	3850.00	250.12
106.00	0.7591E+010.2706E-01		390.89	0.9109E+02	2.24	3.98	-1.63	3.09	0.3779E+06	0.1023E+06	3995.00	265.29
108.00	0.7458E+010.2461E-01		413.88	0.8065E+02	2.25	4.11	-1.65	3.03	0.3264E+06	0.1061E+06	4143.00	280.35
110.00	0.7343E+010.2242E-01		437.89	0.7231E+02	2.26	4.23	-1.70	3.30	0.2814E+06	0.1099E+06	4293.00	295.16
112.00	0.7323E+010.2085E-01		461.61	0.6798E+02	2.25	4.35	-1.59	5.24	0.2416E+06	0.1137E+06	4432.00	309.82
114.00	0.7590E+010.2053E-01		480.17	0.6336E+02	2.40	4.42	-1.72	6.99	0.2055E+06	0.1176E+06	4535.00	324.74
116.00	0.6586E+010.1723E-01		492.71	0.5263E+02	2.34	4.47	-1.89	5.59	0.1738E+06	0.1214E+06	4605.00	338.91
118.00	0.5566E+010.1415E-01		503.67	0.4355E+02	2.24	4.50	-1.58	4.93	0.1470E+06	0.1252E+06	4665.00	351.07
120.00	0.4922E+010.1222E-01		513.35	0.3674E+02	2.22	4.52	-1.50	4.49	0.1244E+06	0.1290E+06	4715.00	361.55
122.00	0.4662E+010.1132E-01		521.96	0.3303E+02	2.29	4.52	-1.80	5.14	0.1054E+06	0.1327E+06	4754.00	371.14
124.00	0.4756E+010.1132E-01		530.45	0.3065E+02	2.49	4.53	-2.46	6.11	0.8965E+05	0.1364E+06	4790.00	380.56
126.00	0.4652E+010.1085E-01		539.24	0.2775E+02	2.62	4.54	-3.00	6.47	0.7667E+05	0.1400E+06	4829.00	389.96

SUMMARY TABLE FOR BODY POINT 3226
XB= 388.0 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	H1/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	LOAD
10.00	0.2323E+000.1714E-01	0.2323E+000.1714E-01	123.95	0.2031E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.16
15.00	0.3897E+000.2668E-01	0.3897E+000.2668E-01	125.01	0.1931E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.72
20.00	0.5473E+000.3449E-01	0.5473E+000.3449E-01	126.27	0.1840E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	5.06
25.00	0.6993E+000.4087E-01	0.6993E+000.4087E-01	127.51	0.1684E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	8.18
30.00	0.8514E+000.4586E-01	0.8514E+000.4586E-01	128.97	0.1545E+04	1.00	0.65	-3.24	-1.81	0.3401E+07	0.9582E+04	709.40	12.05
35.00	0.9145E+000.4763E-01	0.9145E+000.4763E-01	129.60	0.1362E+04	1.00	0.77	-3.02	-1.41	0.3647E+07	0.1330E+05	837.30	16.47
40.00	0.9774E+000.4837E-01	0.9774E+000.4837E-01	130.61	0.1219E+04	1.00	0.90	-2.96	2.02	0.3827E+07	0.1702E+05	965.30	21.20
45.00	0.1011E+010.4902E-01	0.1011E+010.4902E-01	131.02	0.1060E+04	1.02	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	26.17
50.00	0.1142E+010.5347E-01	0.1142E+010.5347E-01	131.75	0.1134E+04	1.13	1.15	-2.76	0.00	0.3759E+07	0.2584E+05	1183.00	31.55
55.00	0.1248E+010.5764E-01	0.1248E+010.5764E-01	132.05	0.9211E+03	1.26	1.29	-2.82	0.00	0.3657E+07	0.3059E+05	1301.00	37.52
60.00	0.1452E+010.6139E-01	0.1452E+010.6139E-01	134.05	0.7616E+03	1.42	1.46	-2.28	0.00	0.3496E+07	0.3556E+05	1435.00	44.27
62.00	0.1614E+010.6295E-01	0.1614E+010.6295E-01	136.03	0.7046E+03	1.49	1.53	-1.85	0.00	0.3395E+07	0.3763E+05	1497.00	47.34
64.00	0.1835E+010.6500E-01	0.1835E+010.6500E-01	138.63	0.6527E+03	1.58	1.62	-1.43	0.00	0.3282E+07	0.3975E+05	1569.00	50.78
66.00	0.2138E+010.6682E-01	0.2138E+010.6682E-01	142.40	0.6038E+03	1.67	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	54.76
68.00	0.2483E+010.6840E-01	0.2483E+010.6840E-01	146.70	0.5570E+03	1.77	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	59.38
70.00	0.2865E+010.6959E-01	0.2865E+010.6959E-01	151.57	0.5125E+03	1.86	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	64.73
72.00	0.3290E+010.7057E-01	0.3290E+010.7057E-01	157.02	0.4705E+03	1.97	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	70.88
74.00	0.3773E+010.7142E-01	0.3773E+010.7142E-01	163.22	0.4310E+03	2.08	2.10	0.05	0.00	0.2515E+07	0.5153E+05	1998.00	77.94
76.00	0.4276E+010.7133E-01	0.4276E+010.7133E-01	170.35	0.3938E+03	2.18	2.21	-0.28	0.00	0.2341E+07	0.5413E+05	2100.00	85.99
78.00	0.4843E+010.7101E-01	0.4843E+010.7101E-01	178.60	0.3583E+03	2.29	2.32	0.16	0.00	0.2152E+07	0.5681E+05	2206.00	95.11
80.00	0.5424E+010.6979E-01	0.5424E+010.6979E-01	188.12	0.3239E+03	2.40	2.42	-0.05	0.00	0.1941E+07	0.5957E+05	2313.00	105.38
82.00	0.5959E+010.6800E-01	0.5959E+010.6800E-01	198.04	0.2930E+03	2.50	2.53	-0.17	0.00	0.1755E+07	0.6241E+05	2423.00	116.76
84.00	0.6489E+010.6577E-01	0.6489E+010.6577E-01	209.07	0.2640E+03	2.59	2.64	-0.34	0.00	0.1574E+07	0.6532E+05	2539.00	129.21
86.00	0.6896E+010.6242E-01	0.6896E+010.6242E-01	220.88	0.2370E+03	2.66	2.75	-0.89	0.00	0.1402E+07	0.6831E+05	2656.00	142.60
88.00	0.7285E+010.5916E-01	0.7285E+010.5916E-01	233.54	0.2101E+03	2.74	2.87	-1.16	0.00	0.1244E+07	0.7139E+05	2777.00	156.78
90.00	0.7771E+010.5691E-01	0.7771E+010.5691E-01	246.96	0.1888E+03	2.84	2.98	-1.13	0.00	0.1100E+07	0.7454E+05	2901.00	171.83
92.00	0.7976E+010.5296E-01	0.7976E+010.5296E-01	261.00	0.1691E+03	2.87	3.10	-1.07	0.00	0.9720E+06	0.7777E+05	3025.00	187.58
94.00	0.8564E+010.5174E-01	0.8564E+010.5174E-01	275.92	0.1514E+03	3.04	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	204.12
96.00	0.9389E+010.5177E-01	0.9389E+010.5177E-01	291.77	0.1353E+03	3.32	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	222.07
98.00	0.9907E+010.4993E-01	0.9907E+010.4993E-01	308.83	0.1206E+03	3.49	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	241.37
100.00	0.1101E+020.5064E-01	0.1101E+020.5064E-01	327.83	0.1073E+03	3.89	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	262.29
102.00	0.1141E+020.4822E-01	0.1141E+020.4822E-01	347.06	0.9492E+02	4.09	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	284.71
104.00	0.1042E+020.4045E-01	0.1042E+020.4045E-01	367.91	0.8396E+02	3.79	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	306.54
106.00	0.9643E+010.3455E-01	0.9643E+010.3455E-01	389.47	0.7414E+02	3.59	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	3995.00	326.60
108.00	0.9342E+010.3094E-01	0.9342E+010.3094E-01	412.36	0.6546E+02	3.57	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	345.58
110.00	0.9602E+010.2947E-01	0.9602E+010.2947E-01	436.17	0.5773E+02	3.78	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	364.53
112.00	0.1271E+020.3645E-01	0.1271E+020.3645E-01	459.18	0.5069E+02	5.22	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	386.84
114.00	0.1243E+020.3390E-01	0.1243E+020.3390E-01	476.95	0.4403E+02	5.48	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	411.98
116.00	0.1098E+020.2893E-01	0.1098E+020.2893E-01	489.80	0.3794E+02	5.32	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	435.38
118.00	0.9629E+010.2464E-01	0.9629E+010.2464E-01	501.12	0.2815E+02	5.16	4.50	-0.42	-4.93	0.1470E+06	0.1252E+06	4665.00	455.99
120.00	0.8040E+010.2007E-01	0.8040E+010.2007E-01	510.98	0.2815E+02	4.78	4.52	-0.03	-4.49	0.1244E+06	0.1290E+06	4715.00	473.66
122.00	0.7909E+010.1935E-01	0.7909E+010.1935E-01	519.12	0.2427E+02	5.25	4.52	-0.14	-5.14	0.1054E+06	0.1327E+06	4754.00	489.61
124.00	0.7239E+010.1739E-01	0.7239E+010.1739E-01	526.76	0.2099E+02	5.35	4.53	-0.64	-6.11	0.8965E+05	0.1364E+06	4790.00	504.75
126.00	0.6644E+010.1565E-01	0.6644E+010.1565E-01	534.94	0.1824E+02	5.43	4.54	-0.19	-6.47	0.7667E+05	0.1400E+06	4829.00	518.64

SUMMARY TABLE FOR BODY POINT 7412
XB= 287.0 THETAB= 74.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	LOAD
10.00	0.2585E+000.1908E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.29
15.00	0.4322E+000.2959E-01		125.01	0.1931E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	3.02
20.00	0.6059E+000.3818E-01		126.27	0.1840E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	5.61
25.00	0.7732E+000.4518E-01		127.51	0.1684E+04	1.00	0.51	0.32	-2.38	0.2933E+07	0.6939E+04	569.50	9.06
30.00	0.9405E+000.5066E-01		128.97	0.1545E+04	1.00	0.65	-3.24	-1.81	0.3401E+07	0.9582E+04	709.40	13.35
35.00	0.1010E+010.5260E-01		129.60	0.1362E+04	1.00	0.77	-3.02	-1.41	0.3647E+07	0.1330E+05	837.30	18.22
40.00	0.1080E+010.5337E-01		130.63	0.1227E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	23.45
45.00	0.1098E+010.5317E-01		131.06	0.1070E+04	1.00	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	28.89
50.00	0.1121E+010.5250E-01		131.75	0.1134E+04	1.01	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	34.44
55.00	0.1110E+010.5127E-01		132.05	0.9221E+03	1.02	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	40.02
60.00	0.1156E+010.4890E-01		134.05	0.7616E+03	1.02	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	45.68
62.00	0.1221E+010.4764E-01		136.03	0.7046E+03	1.02	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	48.06
64.00	0.1316E+010.4660E-01		138.63	0.6527E+03	1.02	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	50.60
66.00	0.1451E+010.4535E-01		142.40	0.6038E+03	1.02	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	53.36
68.00	0.1594E+010.4392E-01		146.70	0.5570E+03	1.03	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	56.41
70.00	0.1746E+010.4242E-01		151.57	0.5125E+03	1.03	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	59.75
72.00	0.1902E+010.4080E-01		157.02	0.4705E+03	1.03	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	63.40
74.00	0.2070E+010.3920E-01		163.22	0.4310E+03	1.03	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	67.37
76.00	0.2250E+010.3753E-01		170.35	0.3938E+03	1.04	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	71.69
78.00	0.2432E+010.3566E-01		178.60	0.3583E+03	1.04	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	76.37
80.00	0.2597E+010.3342E-01		188.12	0.3239E+03	1.04	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	81.40
82.00	0.2769E+010.3160E-01		198.04	0.2930E+03	1.05	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	86.77
84.00	0.2962E+010.3002E-01		209.07	0.2640E+03	1.07	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	92.50
86.00	0.3150E+010.2851E-01		220.88	0.2370E+03	1.10	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	98.61
88.00	0.3299E+010.2679E-01		233.54	0.2101E+03	1.12	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	105.06
90.00	0.3402E+010.2491E-01		246.96	0.1888E+03	1.12	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	111.76
92.00	0.3762E+010.2498E-01		261.00	0.1691E+03	1.22	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	118.92
94.00	0.4204E+010.2540E-01		275.92	0.1514E+03	1.35	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	126.89
96.00	0.4663E+010.2571E-01		291.77	0.1353E+03	1.49	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	135.76
98.00	0.5086E+010.2563E-01		308.83	0.1206E+03	1.62	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	145.50
100.00	0.5642E+010.2595E-01		327.83	0.1073E+03	1.80	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	156.23
102.00	0.6027E+010.2547E-01		347.06	0.9492E+02	1.95	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	167.90
104.00	0.6254E+010.2429E-01		367.91	0.8396E+02	2.05	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	180.18
106.00	0.6500E+010.2329E-01		389.47	0.7414E+02	2.18	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	3995.00	192.94
108.00	0.6411E+010.2123E-01		412.36	0.6546E+02	2.20	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	205.85
110.00	0.6290E+010.1931E-01		436.17	0.5773E+02	2.23	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	218.55
112.00	0.6454E+010.1850E-01		459.18	0.5069E+02	2.38	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	231.29
114.00	0.6302E+010.1719E-01		476.95	0.4403E+02	2.42	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	244.05
116.00	0.5553E+010.1464E-01		489.80	0.3794E+02	2.42	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	255.90
118.00	0.4918E+010.1259E-01		501.12	0.3267E+02	2.36	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	266.38
120.00	0.4357E+010.1088E-01		510.98	0.2815E+02	2.32	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	275.65
122.00	0.4011E+010.9814E-02		519.12	0.2427E+02	2.39	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	284.02
124.00	0.3734E+010.8968E-02		526.76	0.2099E+02	2.47	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	291.76
126.00	0.3440E+010.8104E-02		534.94	0.1824E+02	2.51	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	298.94

SUMMARY TABLE FOR BODY POINT 7413
XB= 313.5 THETAB= 72.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2495E+000.1841E-01	123.95	0.2031E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.25	
15.00	0.4176E+000.2859E-01	125.01	0.1931E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.92	
20.00	0.5858E+000.3692E-01	126.27	0.1840E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	5.42	
25.00	0.7479E+000.4371E-01	127.51	0.1684E+04	1.00	0.51	-0.32	-2.38	0.2933E+07	0.6939E+04	569.50	8.76	
30.00	0.9101E+000.4902E-01	128.97	0.1545E+04	1.00	0.65	-3.24	-1.81	0.3401E+07	0.9582E+04	709.40	12.90	
35.00	0.9772E+000.5090E-01	129.60	0.1362E+04	1.00	0.77	-3.02	-1.41	0.3647E+07	0.1330E+05	837.30	17.62	
40.00	0.1045E+010.5164E-01	130.63	0.1228E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	22.68	
45.00	0.1060E+010.5130E-01	131.06	0.1072E+04	0.99	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	27.94	
50.00	0.1063E+010.4979E-01	131.75	0.1134E+04	0.99	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	33.25	
55.00	0.1035E+010.4780E-01	132.05	0.9221E+03	0.98	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	38.49	
60.00	0.1058E+010.4475E-01	134.05	0.7616E+03	0.97	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	43.72	
62.00	0.1109E+010.4327E-01	136.03	0.7046E+03	0.96	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	45.89	
64.00	0.1185E+010.4199E-01	138.63	0.6527E+03	0.95	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	48.18	
66.00	0.1296E+010.4051E-01	142.40	0.6038E+03	0.95	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	50.67	
68.00	0.1413E+010.3892E-01	146.70	0.5570E+03	0.94	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	53.38	
70.00	0.1534E+010.3727E-01	151.57	0.5125E+03	0.93	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	56.32	
72.00	0.1656E+010.3553E-01	157.02	0.4705E+03	0.93	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	59.51	
74.00	0.1786E+010.3382E-01	163.22	0.4310E+03	0.92	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	62.96	
76.00	0.1923E+010.3208E-01	170.35	0.3938E+03	0.92	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	66.67	
78.00	0.2060E+010.3021E-01	178.60	0.3583E+03	0.91	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	70.65	
80.00	0.2179E+010.2803E-01	188.12	0.3239E+03	0.90	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	74.89	
82.00	0.2317E+010.2644E-01	198.04	0.2930E+03	0.91	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	79.38	
84.00	0.2482E+010.2515E-01	209.07	0.2640E+03	0.93	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	84.18	
86.00	0.2649E+010.2398E-01	220.88	0.2370E+03	0.95	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	89.31	
88.00	0.2780E+010.2258E-01	233.54	0.2101E+03	0.98	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	94.74	
90.00	0.2852E+010.2088E-01	246.96	0.1888E+03	0.98	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	100.37	
92.00	0.2991E+010.1986E-01	261.00	0.1691E+03	1.01	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	106.22	
94.00	0.3144E+010.1893E-01	275.92	0.1514E+03	1.04	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	112.35	
96.00	0.3281E+010.1809E-01	291.77	0.1353E+03	1.08	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	118.78	
98.00	0.3360E+010.1693E-01	308.83	0.1206E+03	1.11	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	125.42	
100.00	0.3524E+010.1621E-01	327.83	0.1073E+03	1.16	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	132.30	
102.00	0.3563E+010.1506E-01	347.06	0.9492E+02	1.19	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	139.39	
104.00	0.3480E+010.1351E-01	367.91	0.8396E+02	1.18	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	146.43	
106.00	0.3424E+010.1227E-01	389.47	0.7414E+02	1.19	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	3995.00	153.33	
108.00	0.3348E+010.1109E-01	412.36	0.6546E+02	1.19	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	160.11	
110.00	0.3296E+010.1012E-01	436.17	0.5773E+02	1.21	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	166.75	
112.00	0.3446E+010.9881E-02	459.18	0.5069E+02	1.32	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	173.49	
114.00	0.3429E+010.9355E-02	476.95	0.4403E+02	1.41	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	180.37	
116.00	0.2985E+010.7867E-02	489.80	0.3794E+02	1.35	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	186.78	
118.00	0.2616E+010.6696E-02	501.12	0.3267E+02	1.30	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	192.38	
120.00	0.2304E+010.5752E-02	510.98	0.2815E+02	1.27	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	197.30	
122.00	0.2141E+010.5239E-02	519.12	0.2427E+02	1.32	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	201.75	
124.00	0.2030E+010.4876E-02	526.76	0.2099E+02	1.39	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	205.92	
126.00	0.1891E+010.4455E-02	534.94	0.1824E+02	1.43	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	209.84	

SUMMARY TABLE FOR BODY POINT 742E
XB= 200.0 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	H1/H1'	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1832E+000.1347E-01	124.01	124.01	0.2065E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.92
15.00	0.2530E+000.1712E-01	125.18	125.18	0.2025E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.01
20.00	0.3247E+000.2002E-01	126.61	126.61	0.2018E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.45
25.00	0.3981E+000.2246E-01	128.13	128.13	0.1980E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	5.26
30.00	0.4785E+000.2451E-01	129.93	129.93	0.1983E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	7.45
35.00	0.5245E+000.2554E-01	130.93	130.93	0.1931E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	9.96
40.00	0.5759E+000.2627E-01	132.32	132.32	0.1911E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	12.71
45.00	0.6063E+000.2655E-01	133.24	133.24	0.1902E+04	1.00	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	15.66
50.00	0.6303E+000.2648E-01	133.17	133.17	0.1838E+04	1.03	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	18.69
55.00	0.6301E+000.2649E-01	134.18	134.18	0.1779E+04	1.06	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	21.77
60.00	0.7284E+000.2750E-01	136.93	136.93	0.1719E+04	1.09	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	25.17
62.00	0.8039E+000.2785E-01	139.26	139.26	0.1689E+04	1.10	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	26.70
64.00	0.9130E+000.2830E-01	142.66	142.66	0.1662E+04	1.11	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	28.42
66.00	0.1048E+010.2873E-01	146.89	146.89	0.1633E+04	1.13	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	30.38
68.00	0.1201E+010.2908E-01	151.69	151.69	0.1596E+04	1.14	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	32.63
70.00	0.1375E+010.2944E-01	157.10	157.10	0.1559E+04	1.16	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	35.20
72.00	0.1574E+010.2983E-01	163.16	163.16	0.1522E+04	1.17	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	38.15
74.00	0.1804E+010.3025E-01	170.04	170.04	0.1483E+04	1.19	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	41.53
76.00	0.2065E+010.3057E-01	177.93	177.93	0.1431E+04	1.21	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	45.40
78.00	0.2357E+010.3077E-01	187.02	187.02	0.1365E+04	1.23	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2206.00	49.82
80.00	0.2674E+010.3073E-01	197.43	197.43	0.1286E+04	1.26	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	54.85
84.00	0.3307E+010.3007E-01	220.36	220.36	0.1155E+04	1.27	2.53	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	66.79
86.00	0.3645E+010.2966E-01	233.30	233.30	0.1088E+04	1.28	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	73.75
88.00	0.3998E+010.2922E-01	247.26	247.26	0.1019E+04	1.29	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	81.39
90.00	0.4349E+010.2869E-01	261.99	261.99	0.9485E+03	1.30	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	89.74
92.00	0.4758E+010.2848E-01	277.43	277.43	0.8773E+03	1.33	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	98.85
94.00	0.5192E+010.2830E-01	293.86	293.86	0.8088E+03	1.37	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	108.80
96.00	0.5628E+010.2801E-01	311.31	311.31	0.7421E+03	1.41	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	119.61
98.00	0.6057E+010.2757E-01	330.08	330.08	0.6789E+03	1.44	3.47	-0.85	-4.51	0.6662E+06	0.8751E+05	3422.00	131.30
100.00	0.6578E+010.2734E-01	350.99	350.99	0.6238E+03	1.48	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	143.93
102.00	0.7006E+010.2677E-01	372.13	372.13	0.5671E+03	1.50	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	157.52
104.00	0.7367E+010.2588E-01	395.04	395.04	0.5146E+03	1.51	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	171.89
106.00	0.7698E+010.2497E-01	418.72	418.72	0.4637E+03	1.52	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	186.96
108.00	0.7977E+010.2392E-01	443.90	443.90	0.4164E+03	1.52	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	202.63
110.00	0.8264E+010.2298E-01	470.08	470.08	0.3728E+03	1.53	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	218.87
112.00	0.8824E+010.2292E-01	495.39	495.39	0.3314E+03	1.60	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	235.96
114.00	0.9317E+010.2303E-01	514.91	514.91	0.2892E+03	1.71	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	254.10
116.00	0.8534E+010.2039E-01	528.98	528.98	0.2491E+03	1.63	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	271.95
118.00	0.7981E+010.1852E-01	541.32	541.32	0.2149E+03	1.59	4.50	-0.42	-4.93	0.1470E+06	0.1252E+06	4665.00	288.47
120.00	0.7576E+010.1716E-01	552.02	552.02	0.1868E+03	1.57	4.52	-0.03	-4.49	0.1244E+06	0.1290E+06	4715.00	304.03
122.00	0.7342E+010.1630E-01	560.81	560.81	0.1623E+03	1.60	4.52	-0.14	-5.14	0.1054E+06	0.1327E+06	4754.00	318.95
124.00	0.7249E+010.1580E-01	569.08	569.08	0.1412E+03	1.66	4.53	-0.64	-6.11	0.8965E+05	0.1364E+06	4790.00	333.54
126.00	0.7035E+010.1504E-01	578.00	578.00	0.1235E+03	1.68	4.54	-0.19	-6.47	0.7667E+05	0.1400E+06	4829.00	347.82

SUMMARY TABLE FOR BODY POINT 7427
XB= 213.9 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.3388E+000.2500E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	1.69
15.00	0.5613E+000.3843E-01		125.01	0.1931E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	3.94
20.00	0.7830E+000.4935E-01		126.27	0.1840E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	7.31
25.00	0.9948E+000.5813E-01		127.51	0.1685E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6393E+04	569.50	11.75
30.00	0.1199E+010.6443E-01		129.01	0.1562E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	17.23
35.00	0.1292E+010.6711E-01		129.66	0.1383E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	23.46
40.00	0.1386E+010.6846E-01		130.65	0.1232E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	30.16
45.00	0.1407E+010.6800E-01		131.10	0.1083E+04	0.99	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	37.14
50.00	0.1275E+010.6286E-01		130.69	0.9383E+03	0.96	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	43.85
55.00	0.1347E+010.6071E-01		132.12	0.1060E+04	0.92	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	50.33
60.00	0.1347E+010.5694E-01		134.05	0.8605E+03	0.89	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	57.00
62.00	0.1411E+010.5504E-01		136.03	0.7946E+03	0.88	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	59.75
64.00	0.1520E+010.5310E-01		139.04	0.7368E+03	0.87	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	62.88
66.00	0.1653E+010.5104E-01		142.79	0.6784E+03	0.85	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	65.86
68.00	0.1793E+010.4885E-01		147.09	0.6255E+03	0.84	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	69.30
70.00	0.1935E+010.4657E-01		151.95	0.5730E+03	0.83	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	73.03
72.00	0.2076E+010.4420E-01		157.38	0.5222E+03	0.82	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	77.04
74.00	0.2225E+010.4185E-01		163.56	0.4753E+03	0.81	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	81.34
76.00	0.2379E+010.3948E-01		170.67	0.4310E+03	0.80	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	85.95
78.00	0.2533E+010.3699E-01		178.87	0.3868E+03	0.80	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	90.86
80.00	0.2671E+010.3437E-01		188.12	0.3239E+03	0.83	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	96.06
82.00	0.2810E+010.3201E-01		198.17	0.3039E+03	0.81	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	101.55
84.00	0.2964E+010.2998E-01		209.26	0.2770E+03	0.81	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	107.32
86.00	0.3105E+010.2804E-01		221.14	0.2525E+03	0.80	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	113.39
88.00	0.3221E+010.2607E-01		233.94	0.2294E+03	0.80	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	119.71
90.00	0.3289E+010.2400E-01		247.41	0.2072E+03	0.79	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	126.22
92.00	0.3457E+010.2288E-01		261.49	0.1864E+03	0.82	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	132.97
94.00	0.3642E+010.2193E-01		276.44	0.1673E+03	0.85	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	140.07
96.00	0.3811E+010.2095E-01		292.33	0.1498E+03	0.88	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	147.52
98.00	0.3934E+010.1976E-01		309.42	0.1338E+03	0.90	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	155.26
100.00	0.4113E+010.1886E-01		328.47	0.1193E+03	0.94	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	163.31
102.00	0.4180E+010.1762E-01		347.72	0.1057E+03	0.97	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	171.60
104.00	0.4156E+010.1610E-01		368.62	0.9394E+02	0.97	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	179.94
106.00	0.4138E+010.1479E-01		390.24	0.8329E+02	0.99	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	3995.00	188.24
108.00	0.4062E+010.1341E-01		413.20	0.7380E+02	0.99	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	196.44
110.00	0.3990E+010.1221E-01		437.08	0.6544E+02	1.00	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	204.49
112.00	0.4045E+010.1157E-01		460.08	0.5713E+02	1.06	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	212.52
114.00	0.3956E+010.1076E-01		477.97	0.5013E+02	1.10	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	220.52
116.00	0.3507E+010.9215E-02		490.96	0.4378E+02	1.06	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	227.99
118.00	0.3109E+010.7938E-02		502.11	0.3689E+02	1.05	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	234.60
120.00	0.2774E+010.6925E-02		510.98	0.2815E+02	1.12	4.52	1.44	-4.49	0.1244E+06	0.1290E+06	4715.00	240.49
122.00	0.2554E+010.6250E-02		519.12	0.2427E+02	1.15	4.52	1.53	-5.14	0.1054E+06	0.1327E+06	4754.00	245.81
124.00	0.2387E+010.5711E-02		528.40	0.2522E+02	1.06	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	250.76
126.00	0.2202E+010.5162E-02		537.04	0.2274E+02	1.05	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	255.34

SUMMARY TABLE FOR BODY POINT 7429
XB= 300.0 THETAB= 180.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2532E+000.1868E-01	123.95	0.2031E+04	1.00	0.16	-0.27	0.58	0.1126E+07	0.1350E+04	183.10	1.27	
15.00	0.4235E+000.2899E-01	125.01	0.1931E+04	1.00	0.27	-0.01	3.23	0.1788E+07	0.2823E+04	306.30	2.96	
20.00	0.5927E+000.3735E-01	126.27	0.1841E+04	1.00	0.39	0.48	-5.89	0.2391E+07	0.4296E+04	429.50	5.50	
25.00	0.7581E+000.4430E-01	127.51	0.1684E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	8.88	
30.00	0.9244E+000.4968E-01	128.97	0.1545E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	13.08	
35.00	0.9904E+000.5158E-01	129.60	0.1362E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	17.86	
40.00	0.1058E+010.5247E-01	130.56	0.1202E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	22.98	
45.00	0.1068E+010.5197E-01	130.96	0.1040E+04	1.00	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	28.29	
50.00	0.1071E+010.5018E-01	131.75	0.1134E+04	0.98	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	33.64	
55.00	0.1038E+010.4795E-01	132.05	0.9221E+03	0.97	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	38.92	
60.00	0.1066E+010.4510E-01	134.05	0.7616E+03	0.96	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	44.18	
62.00	0.1125E+010.4390E-01	136.03	0.7046E+03	0.96	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	46.37	
64.00	0.1211E+010.4291E-01	138.63	0.6527E+03	0.96	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	48.71	
66.00	0.1336E+010.4176E-01	142.40	0.6038E+03	0.96	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	51.25	
68.00	0.1471E+010.4052E-01	146.70	0.5570E+03	0.97	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	54.06	
70.00	0.1611E+010.3914E-01	151.57	0.5125E+03	0.97	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	57.14	
72.00	0.1758E+010.3771E-01	157.02	0.4705E+03	0.97	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	60.51	
74.00	0.1923E+010.3640E-01	163.23	0.4318E+03	0.98	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	64.19	
76.00	0.2104E+010.3506E-01	170.40	0.3997E+03	0.98	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	68.22	
78.00	0.2306E+010.3376E-01	178.72	0.3713E+03	0.98	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2206.00	72.63	
80.00	0.2494E+010.3202E-01	188.28	0.3383E+03	0.99	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	77.43	
82.00	0.2634E+010.3003E-01	198.11	0.2989E+03	1.01	2.53	0.41	-3.46	0.1755E+07	0.6241E+05	2423.00	82.56	
84.00	0.2756E+010.2793E-01	209.07	0.2640E+03	1.02	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	87.95	
86.00	0.2879E+010.2606E-01	220.88	0.2370E+03	1.02	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	93.58	
88.00	0.2979E+010.2419E-01	233.54	0.2101E+03	1.03	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	99.44	
90.00	0.3064E+010.2244E-01	246.96	0.1888E+03	1.03	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	105.48	
92.00	0.3338E+010.2217E-01	261.00	0.1691E+03	1.11	3.10	-0.96	-5.00	0.9720E+06	0.7777E+05	3025.00	111.89	
94.00	0.3671E+010.2218E-01	275.92	0.1514E+03	1.20	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	118.90	
96.00	0.3990E+010.2200E-01	291.77	0.1353E+03	1.30	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	126.56	
98.00	0.4273E+010.2154E-01	308.83	0.1206E+03	1.39	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	134.82	
100.00	0.4666E+010.2146E-01	327.83	0.1073E+03	1.52	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	143.76	
102.00	0.4894E+010.2068E-01	347.06	0.9492E+02	1.61	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	153.32	
104.00	0.4933E+010.1915E-01	367.91	0.8396E+02	1.65	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	163.15	
106.00	0.5001E+010.1792E-01	389.47	0.7414E+02	1.71	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	173.08	
108.00	0.4904E+010.1624E-01	412.36	0.6546E+02	1.72	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	182.98	
110.00	0.4814E+010.1478E-01	436.17	0.5773E+02	1.74	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	192.70	
112.00	0.5090E+010.1460E-01	459.18	0.5069E+02	1.92	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	202.61	
114.00	0.5013E+010.1368E-01	476.95	0.4403E+02	2.03	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	212.71	
116.00	0.4495E+010.1185E-01	489.80	0.3794E+02	2.00	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	222.22	
118.00	0.4150E+010.1061E-01	501.58	0.3466E+02	1.96	4.50	0.74	-4.93	0.1470E+06	0.1252E+06	4665.00	230.86	
120.00	0.3779E+010.9412E-02	511.90	0.3147E+02	1.91	4.52	1.44	-4.49	0.1244E+06	0.1290E+06	4715.00	238.79	
122.00	0.3499E+010.8541E-02	520.11	0.2731E+02	1.97	4.52	1.53	-6.14	0.1054E+06	0.1327E+06	4754.00	246.07	
124.00	0.3164E+010.7586E-02	527.55	0.2302E+02	2.01	4.53	1.18	-5.11	0.0896E+06	0.1364E+06	4790.00	252.73	
126.00	0.2831E+010.6660E-02	535.46	0.1935E+02	2.04	4.54	0.74	-6.47	0.0766E+06	0.1400E+06	4829.00	258.73	

SUMMARY TABLE FOR BODY POINT 7430
XB= 388.0 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.3232E+000.1714E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	1.16
15.00	0.3897E+000.2668E-01		125.01	0.1931E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.72
20.00	0.5473E+000.3449E-01		126.27	0.1840E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	5.06
25.00	0.6985E+000.4082E-01		127.51	0.1685E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	8.17
30.00	0.8443E+000.4537E-01		129.01	0.1562E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	12.03
35.00	0.9111E+000.4732E-01		129.66	0.1383E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	16.42
40.00	0.9778E+000.4830E-01		130.65	0.1232E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	21.14
45.00	0.1002E+010.4840E-01		131.10	0.1083E+04	1.00	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	26.09
50.00	0.9491E+000.4685E-01		130.66	0.9394E+03	1.01	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	30.97
55.00	0.1032E+010.4754E-01		132.12	0.1060E+04	1.03	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	35.92
60.00	0.1105E+010.4672E-01		134.05	0.8605E+03	1.04	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	41.26
62.00	0.1179E+010.4598E-01		136.03	0.7946E+03	1.04	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	43.55
64.00	0.1297E+010.4528E-01		139.04	0.7368E+03	1.05	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	46.02
66.00	0.1437E+010.4435E-01		142.79	0.6784E+03	1.05	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	48.76
68.00	0.1588E+010.4327E-01		147.09	0.6255E+03	1.06	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	51.78
70.00	0.1744E+010.4198E-01		151.95	0.5730E+03	1.06	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	55.11
72.00	0.1902E+010.4049E-01		157.38	0.5222E+03	1.07	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	58.76
74.00	0.2072E+010.3898E-01		163.56	0.4753E+03	1.08	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	62.73
76.00	0.2252E+010.3737E-01		170.67	0.4310E+03	1.08	2.21	-2.14	-2.61	0.2341E+07	0.5413E+05	2100.00	67.06
78.00	0.2430E+010.3549E-01		178.87	0.3868E+03	1.09	2.32	-1.73	-2.34	0.2152E+07	0.5681E+05	2206.00	71.74
80.00	0.2580E+010.3311E-01		188.30	0.3399E+03	1.11	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	76.75
82.00	0.2730E+010.3110E-01		198.17	0.3039E+03	1.12	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	82.06
84.00	0.2915E+010.2948E-01		209.26	0.2770E+03	1.13	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	87.70
86.00	0.3092E+010.2792E-01		221.14	0.2525E+03	1.14	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	93.71
88.00	0.3257E+010.2637E-01		233.94	0.2294E+03	1.16	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	100.06
90.00	0.3372E+010.2461E-01		247.41	0.2072E+03	1.16	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	106.69
92.00	0.3710E+010.2456E-01		261.49	0.1864E+03	1.25	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	113.77
94.00	0.4115E+010.2478E-01		276.44	0.1673E+03	1.37	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	121.60
96.00	0.4528E+010.2489E-01		292.33	0.1498E+03	1.50	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	130.24
98.00	0.4900E+010.2462E-01		309.42	0.1338E+03	1.62	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	139.67
100.00	0.5385E+010.2469E-01		328.47	0.1193E+03	1.77	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	149.95
102.00	0.5698E+010.2401E-01		347.72	0.1057E+03	1.90	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	161.04
104.00	0.5829E+010.2257E-01		368.62	0.9394E+02	1.97	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	172.56
106.00	0.5962E+010.2130E-01		390.24	0.8329E+02	2.06	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	3995.00	184.35
108.00	0.5873E+010.1940E-01		413.20	0.7380E+02	2.07	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	196.19
110.00	0.5796E+010.1774E-01		437.08	0.6544E+02	2.10	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	207.86
112.00	0.6068E+010.1735E-01		460.08	0.5713E+02	2.30	4.35	-1.72	-5.24	0.2416E+06	0.1137E+06	4432.00	219.72
114.00	0.6097E+010.1659E-01		477.97	0.5013E+02	2.47	4.42	-1.79	-6.99	0.2055E+06	0.1176E+06	4535.00	231.89
116.00	0.5291E+010.1390E-01		490.96	0.4378E+02	2.33	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	243.27
118.00	0.4598E+010.1174E-01		502.11	0.3689E+02	2.27	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	253.16
120.00	0.4039E+010.1006E-01		511.93	0.3160E+02	2.23	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	261.80
122.00	0.3780E+010.9223E-02		520.29	0.2785E+02	2.29	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	269.62
124.00	0.3610E+010.8637E-02		528.40	0.2522E+02	2.36	4.53	-2.46	-6.11	0.0896E+05	0.1364E+06	4790.00	277.01
126.00	0.3356E+010.7867E-02		537.04	0.2274E+02	2.38	4.54	-3.00	-6.47	0.0766E+05	0.1400E+06	4829.00	283.98

SUMMARY TABLE FOR BODY POINT 7431
XB= 388.0 THETAB= 45.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2323E+000.1714E-01	123.95	0.2031E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.16	
15.00	0.3897E+000.2668E-01	125.01	0.1931E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.72	
20.00	0.5473E+000.3449E-01	126.27	0.1840E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	5.06	
25.00	0.6993E+000.4087E-01	127.51	0.1684E+04	1.00	0.51	-0.32	-2.38	0.2933E+07	0.6339E+04	569.50	8.18	
30.00	0.8514E+000.4586E-01	128.97	0.1545E+04	1.00	0.65	-3.24	-3.62	0.3401E+07	0.9582E+04	709.40	12.05	
35.00	0.9143E+000.4761E-01	129.60	0.1363E+04	1.00	0.77	-3.02	-2.82	0.3647E+07	0.1330E+05	837.30	16.47	
40.00	0.9779E+000.4827E-01	130.66	0.1236E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	21.20	
45.00	0.1007E+010.4863E-01	131.10	0.1085E+04	1.01	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	26.16	
50.00	0.1050E+010.4964E-01	131.55	0.1097E+04	1.06	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	31.30	
55.00	0.1118E+010.5175E-01	132.01	0.9673E+03	1.12	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	36.72	
60.00	0.1224E+010.5186E-01	134.01	0.7924E+03	1.18	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	42.58	
62.00	0.1318E+010.5148E-01	136.00	0.7341E+03	1.20	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	45.12	
64.00	0.1458E+010.5141E-01	138.77	0.6813E+03	1.23	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	47.90	
66.00	0.1634E+010.5086E-01	142.52	0.6278E+03	1.25	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	50.99	
68.00	0.1827E+010.5015E-01	151.67	0.5289E+03	1.27	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	54.45	
70.00	0.2025E+010.4907E-01	157.09	0.4807E+03	1.31	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	62.55	
72.00	0.2223E+010.4761E-01	163.25	0.4348E+03	1.34	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	67.21	
74.00	0.2435E+010.4607E-01	170.35	0.3938E+03	1.36	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	72.31	
76.00	0.2666E+010.4446E-01	178.60	0.3583E+03	1.37	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	77.88	
78.00	0.2906E+010.4261E-01	188.12	0.3239E+03	1.37	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	83.88	
80.00	0.3097E+010.3985E-01	209.07	0.2640E+03	1.43	2.64	-0.98	-3.46	0.1755E+07	0.6241E+05	2423.00	90.29	
82.00	0.3586E+010.3635E-01	220.88	0.2101E+03	1.49	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2539.00	97.18	
84.00	0.3876E+010.3087E-01	246.96	0.1691E+03	1.56	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2656.00	104.64	
86.00	0.4143E+010.3365E-01	261.00	0.1514E+03	1.58	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2777.00	112.66	
90.00	0.4329E+010.3170E-01	275.92	0.1353E+03	1.78	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	130.11	
92.00	0.4649E+010.3087E-01	291.77	0.1206E+03	1.89	3.35	-1.62	-4.94	0.8583E+06	0.8108E+05	3154.00	139.77	
94.00	0.5012E+010.3028E-01	308.83	0.1073E+03	1.99	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3286.00	150.15	
96.00	0.5364E+010.2957E-01	327.83	0.9492E+02	2.14	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3422.00	161.16	
98.00	0.5655E+010.2850E-01	347.06	0.8396E+02	2.24	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3566.00	172.87	
100.00	0.6048E+010.2781E-01	367.91	0.7414E+02	2.31	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3705.00	185.17	
102.00	0.6258E+010.2644E-01	389.47	0.6546E+02	2.41	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	3850.00	197.77	
104.00	0.6422E+010.2301E-01	412.36	0.5773E+02	2.44	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4143.00	223.27	
106.00	0.6192E+010.1901E-01	436.17	0.5069E+02	2.58	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4293.00	235.77	
108.00	0.6282E+010.1801E-01	459.18	0.4403E+02	2.82	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4432.00	248.25	
110.00	0.6383E+010.1741E-01	476.95	0.3794E+02	2.68	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4535.00	260.91	
112.00	0.5530E+010.1458E-01	489.80	0.3267E+02	2.55	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4605.00	272.82	
114.00	0.4754E+010.1217E-01	501.12	0.2815E+02	2.50	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4665.00	283.11	
116.00	0.4198E+010.1048E-01	510.98	0.2427E+02	2.61	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4715.00	292.06	
118.00	0.3927E+010.9609E-02	519.12	0.2099E+02	2.86	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4754.00	300.18	
120.00	0.3864E+010.9280E-02	526.76	0.1824E+02	3.02	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4790.00	307.98	
124.00	0.3689E+010.8689E-02	534.94								4829.00	315.53	

SUMMARY TABLE FOR BODY POINT 7432
XB= 388.0 THETAB= 60.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	Q LOAD
10.00	0.2323E+000.1714E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.16
15.00	0.3897E+000.2668E-01		125.01	0.1931E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.72
20.00	0.5473E+000.3449E-01		126.27	0.1840E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	5.06
25.00	0.6993E+000.4087E-01		127.51	0.1684E+04	1.00	0.51	-0.32	-2.38	0.2933E+07	0.6939E+04	569.50	8.18
30.00	0.8514E+000.4586E-01		128.97	0.1545E+04	1.00	0.65	-3.24	-3.62	0.3401E+07	0.9582E+04	709.40	12.05
35.00	0.9145E+000.4763E-01		129.60	0.1362E+04	1.00	0.77	-3.02	-2.82	0.3647E+07	0.1330E+05	837.30	16.47
40.00	0.9778E+000.4830E-01		130.65	0.1232E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	21.20
45.00	0.1008E+010.4873E-01		131.08	0.1079E+04	1.01	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	26.16
50.00	0.1100E+010.5153E-01		131.75	0.1134E+04	1.09	1.15	-3.17	-2.02	0.3759E+07	0.2584E+05	1183.00	31.43
55.00	0.1173E+010.5418E-01		132.04	0.9256E+03	1.18	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	37.11
60.00	0.1312E+010.5547E-01		134.04	0.7643E+03	1.28	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	43.32
64.00	0.1424E+010.5558E-01		136.03	0.7085E+03	1.31	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	46.06
66.00	0.1584E+010.5606E-01		138.65	0.6576E+03	1.36	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	49.07
68.00	0.1798E+010.5617E-01		142.41	0.6062E+03	1.40	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	52.45
70.00	0.2034E+010.5602E-01		146.71	0.5585E+03	1.44	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	56.28
72.00	0.2295E+010.5575E-01		151.57	0.5175E+03	1.49	1.89	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	65.49
74.00	0.2908E+010.5505E-01		163.22	0.4310E+03	1.60	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	70.98
76.00	0.3276E+010.5484E-01		170.35	0.3938E+03	1.67	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	77.16
78.00	0.3676E+010.5390E-01		178.60	0.3583E+03	1.74	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	84.11
80.00	0.4084E+010.5255E-01		188.12	0.3239E+03	1.81	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	91.87
82.00	0.4520E+010.5158E-01		198.04	0.2930E+03	1.90	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	100.48
84.00	0.5027E+010.5094E-01		209.07	0.2640E+03	2.01	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	110.02
86.00	0.5573E+010.5043E-01		220.88	0.2370E+03	2.15	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	120.62
88.00	0.6081E+010.4938E-01		233.54	0.2101E+03	2.29	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	132.28
90.00	0.6434E+010.4712E-01		246.96	0.1888E+03	2.36	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	144.79
92.00	0.7065E+010.4691E-01		261.00	0.1691E+03	2.54	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	158.29
94.00	0.7805E+010.4715E-01		275.92	0.1514E+03	2.77	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	173.16
96.00	0.8559E+010.4719E-01		291.77	0.1353E+03	3.02	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	189.52
98.00	0.9157E+010.4615E-01		308.83	0.1206E+03	3.23	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	207.24
100.00	0.1012E+020.4653E-01		327.83	0.1073E+03	3.57	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	226.52
102.00	0.1066E+020.4503E-01		347.06	0.9492E+02	3.82	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	247.29
104.00	0.1071E+020.4159E-01		367.91	0.8396E+02	3.90	3.86	-1.61	-4.62	0.4373E+06	0.9864E+05	3850.00	268.65
106.00	0.1102E+020.3950E-01		389.47	0.7414E+02	4.11	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	290.38
108.00	0.1085E+020.3592E-01		412.36	0.6546E+02	4.14	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	312.25
110.00	0.1063E+020.3264E-01		436.17	0.5773E+02	4.19	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	333.73
112.00	0.1163E+020.3333E-01		459.18	0.5069E+02	4.78	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	355.99
114.00	0.1341E+020.3658E-01		476.95	0.4403E+02	5.92	4.42	-1.72	-6.99	0.1738E+06	0.1214E+06	4605.00	404.87
116.00	0.1044E+020.2751E-01		489.80	0.3794E+02	5.06	4.47	-1.89	-5.59	0.1738E+06	0.1176E+06	4535.00	381.02
118.00	0.8598E+010.2200E-01		501.12	0.3267E+02	4.61	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	423.90
120.00	0.7516E+010.1876E-01		510.98	0.2815E+02	4.47	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	440.01
122.00	0.7161E+010.1752E-01		519.12	0.2427E+02	4.76	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	454.69
124.00	0.7430E+010.1784E-01		526.76	0.2099E+02	5.49	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	469.28
126.00	0.7119E+010.1677E-01		534.94	0.1824E+02	5.82	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	483.83

SUMMARY TABLE FOR BODY POINT 7446
XB= 286.0 THETAB= 54.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2589E+000.1911E-01	0.2589E+000.1911E-01	123.95	0.2031E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.29
15.00	0.4328E+000.2963E-01	0.4328E+000.2963E-01	125.01	0.1931E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	3.02
20.00	0.6068E+000.3824E-01	0.6068E+000.3824E-01	126.27	0.1840E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	5.62
25.00	0.7743E+000.4525E-01	0.7743E+000.4525E-01	127.51	0.1684E+04	1.00	0.51	-0.32	-2.38	0.2933E+07	0.6939E+04	569.50	9.08
30.00	0.9419E+000.5073E-01	0.9419E+000.5073E-01	128.97	0.1545E+04	1.00	0.65	-3.24	-3.62	0.3401E+07	0.9582E+04	709.40	13.37
35.00	0.1011E+010.5268E-01	0.1011E+010.5268E-01	129.60	0.1362E+04	1.00	0.77	-3.02	-2.82	0.3647E+07	0.1330E+05	837.30	18.25
40.00	0.1081E+010.5339E-01	0.1081E+010.5339E-01	130.65	0.1234E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	23.48
45.00	0.1109E+010.5359E-01	0.1109E+010.5359E-01	131.09	0.1081E+04	1.00	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	28.96
50.00	0.1166E+010.5460E-01	0.1166E+010.5460E-01	131.75	0.1134E+04	1.05	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	34.64
55.00	0.1193E+010.5511E-01	0.1193E+010.5511E-01	132.05	0.9221E+03	1.09	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	40.54
60.00	0.1289E+010.5455E-01	0.1289E+010.5455E-01	134.03	0.7757E+03	1.13	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	46.74
62.00	0.1383E+010.5397E-01	0.1383E+010.5397E-01	136.02	0.7188E+03	1.15	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	49.42
64.00	0.1517E+010.5361E-01	0.1517E+010.5361E-01	138.70	0.6672E+03	1.17	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	52.32
66.00	0.1699E+010.5309E-01	0.1699E+010.5309E-01	142.40	0.6038E+03	1.20	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	55.53
68.00	0.1899E+010.5232E-01	0.1899E+010.5232E-01	146.70	0.5570E+03	1.22	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	59.13
70.00	0.2120E+010.5150E-01	0.2120E+010.5150E-01	151.57	0.5125E+03	1.25	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	63.15
72.00	0.2357E+010.5057E-01	0.2357E+010.5057E-01	157.02	0.4705E+03	1.27	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	67.63
74.00	0.2627E+010.4870E-01	0.2627E+010.4870E-01	163.22	0.4310E+03	1.31	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	72.61
76.00	0.2920E+010.4670E-01	0.2920E+010.4670E-01	170.35	0.3938E+03	1.34	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	78.16
78.00	0.3246E+010.4759E-01	0.3246E+010.4759E-01	178.60	0.3583E+03	1.39	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	84.32
80.00	0.3597E+010.4628E-01	0.3597E+010.4628E-01	188.12	0.3239E+03	1.44	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	91.17
82.00	0.3937E+010.4492E-01	0.3937E+010.4492E-01	198.04	0.2930E+03	1.49	2.53	0.12	-3.46	0.1755E+07	0.6241E+05	2423.00	98.70
84.00	0.4292E+010.4350E-01	0.4292E+010.4350E-01	209.07	0.2640E+03	1.55	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	106.93
86.00	0.4630E+010.4191E-01	0.4630E+010.4191E-01	220.88	0.2370E+03	1.61	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	115.85
88.00	0.4930E+010.4003E-01	0.4930E+010.4003E-01	233.54	0.2101E+03	1.67	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	125.41
90.00	0.5156E+010.3776E-01	0.5156E+010.3776E-01	246.96	0.1888E+03	1.70	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	135.50
92.00	0.5448E+010.3617E-01	0.5448E+010.3617E-01	261.00	0.1691E+03	1.77	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	146.10
94.00	0.5763E+010.3481E-01	0.5763E+010.3481E-01	275.92	0.1514E+03	1.85	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	157.31
96.00	0.6042E+010.3331E-01	0.6042E+010.3331E-01	291.77	0.1353E+03	1.92	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	169.12
98.00	0.6193E+010.3121E-01	0.6193E+010.3121E-01	308.83	0.1206E+03	1.97	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	181.35
100.00	0.6542E+010.3009E-01	0.6542E+010.3009E-01	327.83	0.1073E+03	2.08	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	194.09
102.00	0.6619E+010.2797E-01	0.6619E+010.2797E-01	347.06	0.9492E+02	2.13	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	207.25
104.00	0.6350E+010.2466E-01	0.6350E+010.2466E-01	367.91	0.8396E+02	2.08	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	220.22
106.00	0.6165E+010.2209E-01	0.6165E+010.2209E-01	389.47	0.7414E+02	2.06	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	232.73
108.00	0.6014E+010.1992E-01	0.6014E+010.1992E-01	412.36	0.6546E+02	2.07	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	244.91
110.00	0.5959E+010.1829E-01	0.5959E+010.1829E-01	436.17	0.5773E+02	2.11	4.23	-0.95	-3.30	0.2814E+06	0.1093E+06	4293.00	256.88
112.00	0.6534E+010.1873E-01	0.6534E+010.1873E-01	459.18	0.5069E+02	2.41	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	269.38
114.00	0.6383E+010.1741E-01	0.6383E+010.1741E-01	476.95	0.4403E+02	2.53	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	282.30
116.00	0.5603E+010.1477E-01	0.5603E+010.1477E-01	489.80	0.3794E+02	2.43	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	294.28
118.00	0.4970E+010.1272E-01	0.4970E+010.1272E-01	501.12	0.3267E+02	2.38	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	304.85
120.00	0.4334E+010.1082E-01	0.4334E+010.1082E-01	510.98	0.2815E+02	2.31	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	314.16
122.00	0.4055E+010.9921E-02	0.4055E+010.9921E-02	519.12	0.2427E+02	2.41	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	322.55
124.00	0.3732E+010.8964E-02	0.3732E+010.8964E-02	526.76	0.2099E+02	2.46	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	330.33
126.00	0.3412E+010.8037E-02	0.3412E+010.8037E-02	534.94	0.1824E+02	2.49	4.54	-0.19	-6.47	0.7667E+05	0.1400E+06	4829.00	337.48

SUMMARY TABLE FOR BODY POINT 7657
XB= 373.1 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2354E+000.1737E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.18
15.00	0.3948E+000.2703E-01		125.01	0.1931E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.75
20.00	0.5543E+000.3493E-01		126.27	0.1840E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	5.13
25.00	0.7082E+000.4139E-01		127.51	0.1684E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	8.28
30.00	0.8621E+000.4643E-01		128.97	0.1545E+04	1.00	0.65	-3.24	-1.81	0.3401E+07	0.9582E+04	709.40	12.21
35.00	0.9259E+000.4822E-01		129.60	0.1362E+04	1.00	0.77	-3.02	-1.41	0.3647E+07	0.1330E+05	837.30	16.68
40.00	0.9897E+000.4897E-01		130.61	0.1219E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	21.47
45.00	0.1011E+010.4904E-01		131.02	0.1060E+04	1.00	1.02	-2.61	1.87	0.3821E+07	0.2131E+05	1073.00	26.47
50.00	0.1085E+010.5081E-01		131.75	0.1134E+04	1.07	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	31.71
55.00	0.1126E+010.5201E-01		132.05	0.9221E+03	1.12	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	37.24
60.00	0.1233E+010.5215E-01		134.05	0.7616E+03	1.19	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	43.14
62.00	0.1329E+010.5184E-01		136.03	0.7046E+03	1.21	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	45.70
64.00	0.1463E+010.5182E-01		138.63	0.6527E+03	1.24	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	48.49
66.00	0.1652E+010.5164E-01		142.40	0.6038E+03	1.27	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	51.60
68.00	0.1858E+010.5119E-01		146.70	0.5570E+03	1.31	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	55.12
70.00	0.2088E+010.5072E-01		151.57	0.5125E+03	1.34	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	59.06
72.00	0.2336E+010.5012E-01		157.02	0.4705E+03	1.38	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	63.49
74.00	0.2622E+010.4964E-01		163.22	0.4310E+03	1.43	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	68.44
76.00	0.2937E+010.4898E-01		170.35	0.3938E+03	1.48	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	74.00
78.00	0.3288E+010.4822E-01		178.60	0.3583E+03	1.53	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	80.23
80.00	0.3674E+010.4727E-01		188.12	0.3239E+03	1.61	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	87.19
82.00	0.4049E+010.4621E-01		198.04	0.2930E+03	1.68	2.53	-0.17	-3.46	0.1755E+07	0.6241E+05	2423.00	94.91
84.00	0.4452E+010.4512E-01		209.07	0.2640E+03	1.76	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	103.42
86.00	0.4851E+010.4391E-01		220.88	0.2370E+03	1.84	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	112.72
88.00	0.5214E+010.4234E-01		233.54	0.2101E+03	1.93	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	122.78
90.00	0.5480E+010.4013E-01		246.96	0.1888E+03	1.98	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	133.48
92.00	0.5861E+010.3892E-01		261.00	0.1691E+03	2.08	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	144.82
94.00	0.6321E+010.3819E-01		275.92	0.1514E+03	2.22	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	157.00
96.00	0.6760E+010.3727E-01		291.77	0.1353E+03	2.36	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	170.08
98.00	0.7001E+010.3528E-01		308.83	0.1206E+03	2.44	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	183.84
100.00	0.7581E+010.3457E-01		327.83	0.1073E+03	2.64	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	198.42
102.00	0.7743E+010.3272E-01		347.06	0.9492E+02	2.74	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	213.75
104.00	0.7315E+010.2841E-01		367.91	0.8366E+02	2.63	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	228.81
106.00	0.7027E+010.2518E-01		389.47	0.7414E+02	2.58	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	3995.00	243.15
108.00	0.6924E+010.2125E-01		436.17	0.5773E+02	2.69	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	270.82
110.00	0.8260E+010.2368E-01		459.18	0.5069E+02	3.35	4.11	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	286.00
112.00	0.9745E+010.2659E-01		476.95	0.4403E+02	4.24	4.35	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	304.01
114.00	0.7540E+010.1987E-01		489.80	0.3794E+02	3.61	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	321.30
116.00	0.6070E+010.1554E-01		501.12	0.3267E+02	3.21	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	334.91
118.00	0.5165E+010.1289E-01		510.98	0.2815E+02	3.03	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	346.14
120.00	0.5132E+010.1256E-01		519.12	0.2427E+02	3.36	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	356.44
122.00	0.5497E+010.1320E-01		526.76	0.2099E+02	4.01	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	367.07
124.00	0.5357E+010.1262E-01		534.94	0.1824E+02	4.32	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	377.92

SUMMARY TABLE FOR BODY POINT 7658
XB= 300.0 THETAB= 352.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2532E+000.1868E-01	123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	1.27	2.96
15.00	0.4235E+000.2899E-01	125.01	0.1931E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	5.50	
20.00	0.5940E+000.3743E-01	126.27	0.1840E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	8.88	13.07
25.00	0.7581E+000.4430E-01	127.51	0.1684E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	17.83	
30.00	0.9161E+000.4925E-01	129.00	0.1559E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	22.94	28.30
35.00	0.9873E+000.5130E-01	129.65	0.1380E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	33.53	
40.00	0.1059E+010.5229E-01	130.65	0.1235E+04	1.00	0.90	-3.48	-2.02	0.3827E+07	0.1702E+05	965.30	38.93	44.69
45.00	0.1085E+010.5240E-01	131.10	0.1085E+04	1.00	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	47.15	
50.00	0.1028E+010.5064E-01	130.70	0.9402E+03	1.01	1.15	-2.76	0.00	0.3759E+07	0.2584E+05	1183.00	52.76	56.02
55.00	0.1113E+010.5116E-01	132.15	0.1070E+04	1.02	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	59.61	
60.00	0.1190E+010.5026E-01	134.08	0.8679E+03	1.03	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	63.56	67.87
62.00	0.1270E+010.4948E-01	136.06	0.8008E+03	1.03	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	72.58	
64.00	0.1396E+010.4871E-01	139.06	0.7424E+03	1.04	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	77.70	83.21
66.00	0.1547E+010.4773E-01	142.82	0.6838E+03	1.04	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	89.08	
68.00	0.1710E+010.4656E-01	147.12	0.6307E+03	1.05	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	95.29	101.84
70.00	0.1883E+010.4532E-01	151.95	0.5724E+03	1.06	1.89	-3.01	0.00	0.2845E+07	0.4658E+05	1814.00	108.66	
72.00	0.2062E+010.4390E-01	157.37	0.5217E+03	1.07	1.99	-2.69	0.00	0.2681E+07	0.4902E+05	1904.00	115.74	123.27
74.00	0.2254E+010.4240E-01	163.55	0.4748E+03	1.08	2.10	-2.41	0.00	0.2515E+07	0.5153E+05	1999.00	127.63	
76.00	0.2457E+010.4077E-01	170.66	0.4307E+03	1.09	2.21	-2.14	0.00	0.2341E+07	0.5413E+05	2100.00	131.53	140.59
78.00	0.2662E+010.3888E-01	178.87	0.3855E+03	1.11	2.32	-1.73	0.00	0.2152E+07	0.5681E+05	2206.00	145.74	
80.00	0.2847E+010.3655E-01	188.30	0.3398E+03	1.13	2.42	-1.04	0.00	0.1941E+07	0.5957E+05	2313.00	150.46	161.16
82.00	0.3019E+010.3440E-01	198.17	0.3038E+03	1.14	2.53	-0.76	0.00	0.1755E+07	0.6241E+05	2423.00	157.74	
84.00	0.3195E+010.3232E-01	209.25	0.2768E+03	1.14	2.64	-0.98	0.00	0.1574E+07	0.6532E+05	2539.00	161.16	172.63
86.00	0.3348E+010.3023E-01	221.14	0.2523E+03	1.14	2.75	-1.27	0.00	0.1402E+07	0.6831E+05	2656.00	167.74	
88.00	0.3480E+010.2817E-01	233.94	0.2292E+03	1.14	2.87	-1.57	0.00	0.1244E+07	0.7139E+05	2777.00	172.63	184.76
90.00	0.3598E+010.2626E-01	247.40	0.2071E+03	1.14	2.98	-1.62	0.00	0.1100E+07	0.7454E+05	2901.00	177.70	
92.00	0.3933E+010.2603E-01	261.48	0.1863E+03	1.23	3.10	-1.64	0.00	0.09720E+06	0.7777E+05	3025.00	183.21	197.53
94.00	0.4328E+010.2607E-01	276.44	0.1672E+03	1.33	3.22	-1.63	0.00	0.08583E+06	0.8108E+05	3154.00	189.08	
96.00	0.4731E+010.2600E-01	292.33	0.1497E+03	1.44	3.35	-1.62	0.00	0.07572E+06	0.8446E+05	3286.00	195.29	201.84
98.00	0.5137E+010.2581E-01	309.41	0.1336E+03	1.56	3.47	-1.59	0.00	0.06662E+06	0.8791E+05	3422.00	198.66	
100.00	0.5566E+010.2553E-01	328.46	0.1192E+03	1.69	3.61	-1.60	0.00	0.05826E+06	0.9142E+05	3566.00	201.84	210.50
102.00	0.5900E+010.2486E-01	347.71	0.1056E+03	1.81	3.73	-1.57	0.00	0.05054E+06	0.9500E+05	3705.00	208.66	
104.00	0.6235E+010.2415E-01	368.61	0.9385E+02	1.94	3.86	-1.61	0.00	0.04373E+06	0.9864E+05	3850.00	212.50	223.22
106.00	0.6527E+010.2332E-01	390.23	0.8320E+02	2.07	3.98	-1.63	0.00	0.03779E+06	0.1023E+06	3995.00	217.53	
108.00	0.6448E+010.2130E-01	413.19	0.7372E+02	2.09	4.11	-1.65	0.00	0.03264E+06	0.1061E+06	4143.00	220.50	235.50
110.00	0.6271E+010.1920E-01	437.07	0.6537E+02	2.09	4.23	-1.70	0.00	0.02814E+06	0.1099E+06	4293.00	223.22	
112.00	0.6013E+010.1720E-01	460.07	0.5706E+02	2.10	4.35	-1.59	0.00	0.02416E+06	0.1137E+06	4432.00	235.50	247.43
114.00	0.5915E+010.1607E-01	478.54	0.5354E+02	2.10	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	238.56	
116.00	0.5216E+010.1369E-01	491.42	0.4612E+02	2.04	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	247.43	258.56
118.00	0.4626E+010.1181E-01	502.10	0.3685E+02	2.10	4.50	-1.58	0.00	0.1470E+06	0.1252E+06	4665.00	258.56	
120.00	0.4164E+010.1037E-01	511.92	0.3157E+02	2.11	4.52	-1.50	0.00	0.1244E+06	0.1290E+06	4715.00	268.41	277.20
122.00	0.3750E+010.9150E-02	520.28	0.2782E+02	2.08	4.52	-1.80	0.00	0.1054E+06	0.1327E+06	4754.00	277.20	
124.00	0.3582E+010.8559E-02	528.97	0.2671E+02	2.07	4.53	-2.46	-6.11	0.08965E+05	0.1364E+06	4790.00	285.11	292.44
126.00	0.3353E+010.7848E-02	537.69	0.2421E+02	2.09	4.54	-3.00	-6.47	0.07667E+05	0.1400E+06	4829.00	292.44	

SUMMARY TABLE FOR BODY POINT 7659
XB= 287.0 THETAB= 20.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2585E+000.1908E-01	0.2585E+000.1908E-01	123.95	0.2031E+04	1.00	0.16	0.11	0.29	0.1126E+07	0.1350E+04	183.10	1.29
15.00	0.4322E+000.2959E-01	0.4322E+000.2959E-01	125.01	0.1931E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	3.02
20.00	0.6059E+000.3818E-01	0.6059E+000.3818E-01	126.27	0.1840E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	5.61
25.00	0.7732E+000.4518E-01	0.7732E+000.4518E-01	127.51	0.1684E+04	1.00	0.51	-0.32	-2.38	0.2933E+07	0.6939E+04	569.50	9.06
30.00	0.9363E+000.5036E-01	0.9363E+000.5036E-01	128.99	0.1554E+04	1.00	0.65	-3.24	-3.62	0.3401E+07	0.9582E+04	709.40	13.34
35.00	0.1080E+010.5238E-01	0.1080E+010.5238E-01	129.63	0.1375E+04	1.00	0.77	-3.02	-2.82	0.3647E+07	0.1330E+05	837.30	18.20
40.00	0.1104E+010.5330E-01	0.1104E+010.5330E-01	130.66	0.1237E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	23.41
45.00	0.1112E+010.5370E-01	0.1112E+010.5370E-01	131.11	0.1087E+04	1.01	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	28.89
50.00	0.1104E+010.5356E-01	0.1104E+010.5356E-01	131.02	0.9993E+03	1.04	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	34.43
55.00	0.1222E+010.5637E-01	0.1222E+010.5637E-01	132.08	0.1051E+04	1.10	1.29	-4.15	0.00	0.3657E+07	0.3059E+05	1301.00	40.25
60.00	0.1345E+010.5691E-01	0.1345E+010.5691E-01	134.03	0.8538E+03	1.15	1.46	-3.78	0.00	0.3496E+07	0.3556E+05	1435.00	46.67
62.00	0.1450E+010.5648E-01	0.1450E+010.5648E-01	136.01	0.7886E+03	1.16	1.53	-3.61	0.00	0.3395E+07	0.3763E+05	1497.00	49.46
64.00	0.1616E+010.5648E-01	0.1616E+010.5648E-01	139.01	0.7312E+03	1.19	1.62	-3.57	0.00	0.3282E+07	0.3975E+05	1569.00	52.53
66.00	0.1807E+010.5585E-01	0.1807E+010.5585E-01	142.76	0.6734E+03	1.20	1.71	-3.35	0.00	0.3151E+07	0.4195E+05	1647.00	55.95
68.00	0.2019E+010.5506E-01	0.2019E+010.5506E-01	147.07	0.6209E+03	1.22	1.80	-3.23	0.00	0.3003E+07	0.4423E+05	1729.00	59.78
70.00	0.2233E+010.5378E-01	0.2233E+010.5378E-01	151.93	0.5693E+03	1.24	1.89	-3.01	0.00	0.2845E+07	0.4658E+05	1814.00	64.03
72.00	0.2444E+010.5206E-01	0.2444E+010.5206E-01	157.35	0.5191E+03	1.25	1.99	-2.69	0.00	0.2681E+07	0.4902E+05	1904.00	68.71
74.00	0.2669E+010.5023E-01	0.2669E+010.5023E-01	163.54	0.4726E+03	1.26	2.10	-2.41	0.00	0.2515E+07	0.5153E+05	1999.00	73.82
76.00	0.2902E+010.4817E-01	0.2902E+010.4817E-01	170.65	0.4288E+03	1.27	2.21	-2.14	0.00	0.2341E+07	0.5413E+05	2100.00	79.39
78.00	0.3108E+010.4541E-01	0.3108E+010.4541E-01	178.86	0.3851E+03	1.27	2.32	-1.73	0.00	0.2152E+07	0.5681E+05	2206.00	85.40
80.00	0.3226E+010.4142E-01	0.3226E+010.4142E-01	188.29	0.3390E+03	1.25	2.42	-1.04	0.00	0.1941E+07	0.5957E+05	2313.00	91.74
82.00	0.3384E+010.3856E-01	0.3384E+010.3856E-01	198.17	0.3032E+03	1.26	2.53	-0.76	0.00	0.1755E+07	0.6241E+05	2423.00	98.35
84.00	0.3644E+010.3686E-01	0.3644E+010.3686E-01	209.25	0.2762E+03	1.28	2.64	-0.98	0.00	0.1574E+07	0.6532E+05	2539.00	105.38
86.00	0.3907E+010.3528E-01	0.3907E+010.3528E-01	221.13	0.2515E+03	1.31	2.75	-1.27	0.00	0.1402E+07	0.6831E+05	2656.00	112.93
88.00	0.4162E+010.3370E-01	0.4162E+010.3370E-01	233.92	0.2283E+03	1.34	2.87	-1.57	0.00	0.1244E+07	0.7139E+05	2777.00	121.00
90.00	0.4343E+010.3170E-01	0.4343E+010.3170E-01	247.38	0.2061E+03	1.36	2.98	-1.62	0.00	0.1100E+07	0.7454E+05	2901.00	129.50
92.00	0.4652E+010.3079E-01	0.4652E+010.3079E-01	261.46	0.1854E+03	1.42	3.10	-1.64	0.00	0.9720E+06	0.7777E+05	3025.00	138.49
94.00	0.4983E+010.3002E-01	0.4983E+010.3002E-01	276.41	0.1664E+03	1.50	3.22	-1.63	0.00	0.8583E+06	0.8108E+05	3154.00	148.13
96.00	0.5299E+010.2913E-01	0.5299E+010.2913E-01	292.30	0.1489E+03	1.59	3.35	-1.62	0.00	0.7572E+06	0.8446E+05	3286.00	158.41
98.00	0.5597E+010.2813E-01	0.5597E+010.2813E-01	309.38	0.1330E+03	1.67	3.47	-1.59	0.00	0.6662E+06	0.8791E+05	3422.00	169.31
100.00	0.5913E+010.2712E-01	0.5913E+010.2712E-01	328.43	0.1186E+03	1.76	3.61	-1.60	0.00	0.5826E+06	0.9142E+05	3566.00	180.82
102.00	0.6114E+010.2577E-01	0.6114E+010.2577E-01	347.68	0.1050E+03	1.85	3.73	-1.57	0.00	0.5054E+06	0.9500E+05	3705.00	192.84
104.00	0.6333E+010.2453E-01	0.6333E+010.2453E-01	368.58	0.9334E+02	1.94	3.86	-1.61	0.00	0.4373E+06	0.9864E+05	3850.00	205.29
106.00	0.6496E+010.2322E-01	0.6496E+010.2322E-01	390.19	0.8274E+02	2.03	3.98	-1.63	0.00	0.3779E+06	0.1023E+06	3995.00	218.12
108.00	0.6402E+010.2115E-01	0.6402E+010.2115E-01	413.15	0.7330E+02	2.04	4.11	-1.65	0.00	0.3264E+06	0.1061E+06	4143.00	231.02
110.00	0.6245E+010.1912E-01	0.6245E+010.1912E-01	437.03	0.6498E+02	2.05	4.23	-1.70	0.00	0.2814E+06	0.1099E+06	4293.00	243.67
112.00	0.5946E+010.1701E-01	0.5946E+010.1701E-01	460.03	0.5674E+02	2.04	4.35	-1.59	0.00	0.2416E+06	0.1137E+06	4432.00	255.86
114.00	0.5600E+010.1524E-01	0.5600E+010.1524E-01	477.91	0.4976E+02	2.05	4.42	-1.72	0.00	0.2055E+06	0.1176E+06	4535.00	267.40
116.00	0.5175E+010.1360E-01	0.5175E+010.1360E-01	490.89	0.4342E+02	2.06	4.47	-1.89	0.00	0.1738E+06	0.1214E+06	4605.00	278.18
118.00	0.4575E+010.1168E-01	0.4575E+010.1168E-01	502.05	0.3664E+02	2.04	4.50	-1.58	0.00	0.1470E+06	0.1252E+06	4665.00	287.93
120.00	0.4097E+010.1020E-01	0.4097E+010.1020E-01	511.88	0.3139E+02	2.03	4.52	-1.50	0.00	0.1244E+06	0.1290E+06	4715.00	296.60
122.00	0.3763E+010.9182E-02	0.3763E+010.9182E-02	520.22	0.2763E+02	2.05	4.52	-1.80	0.00	0.1054E+06	0.1327E+06	4754.00	304.46
124.00	0.3553E+010.8502E-02	0.3553E+010.8502E-02	528.31	0.2497E+02	2.10	4.53	-2.46	0.00	0.8965E+05	0.1364E+06	4790.00	311.78
126.00	0.3357E+010.7841E-02	0.3357E+010.7841E-02	538.55	0.2617E+02	1.95	4.54	-3.00	6.47	0.7667E+05	0.1400E+06	4829.00	318.69

SUMMARY TABLE FOR BODY POINT 7660
XB= 284.6 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2595E+000.1915E-01	0.2031E+04	123.95	0.2031E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.30
15.00	0.4338E+000.2970E-01	0.1931E+04	125.01	0.1931E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	3.03
20.00	0.6081E+000.3833E-01	0.1840E+04	126.27	0.1840E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	5.64
25.00	0.7760E+000.4535E-01	0.1684E+04	127.51	0.1684E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	9.10
30.00	0.9439E+000.5084E-01	0.1545E+04	128.97	0.1545E+04	1.00	0.67	-3.24	-1.81	0.3401E+07	0.9582E+04	709.40	13.40
35.00	0.1013E+010.5279E-01	0.1362E+04	129.60	0.1362E+04	1.00	0.75	-3.02	-1.41	0.3647E+07	0.1330E+05	837.30	18.29
40.00	0.1083E+010.5360E-01	0.1219E+04	130.61	0.1219E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	23.53
45.00	0.1098E+010.5323E-01	0.1106E+04	131.02	0.1106E+04	1.00	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	28.98
50.00	0.1113E+010.5212E-01	0.1134E+04	131.75	0.1134E+04	1.00	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	34.51
55.00	0.1092E+010.5046E-01	0.9221E+03	132.05	0.9221E+03	1.00	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	40.02
60.00	0.1130E+010.4779E-01	0.7616E+03	134.05	0.7616E+03	1.00	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	45.58
64.00	0.1281E+010.4536E-01	0.6527E+03	138.63	0.6527E+03	0.99	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	47.90
66.00	0.1410E+010.4406E-01	0.6038E+03	142.40	0.6038E+03	0.99	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	50.37
68.00	0.1546E+010.4259E-01	0.5570E+03	146.70	0.5570E+03	0.99	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	53.06
70.00	0.1691E+010.4107E-01	0.5125E+03	151.57	0.5125E+03	0.99	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1729.00	59.25
72.00	0.1840E+010.3947E-01	0.4705E+03	157.02	0.4705E+03	0.99	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	62.79
74.00	0.2001E+010.3789E-01	0.4310E+03	163.22	0.4310E+03	0.99	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	66.63
76.00	0.2174E+010.3627E-01	0.3938E+03	170.35	0.3938E+03	1.00	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	70.80
78.00	0.2357E+010.3456E-01	0.3583E+03	178.60	0.3583E+03	1.00	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2206.00	75.33
80.00	0.2536E+010.3263E-01	0.3239E+03	188.12	0.3239E+03	1.01	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	80.23
82.00	0.2720E+010.3103E-01	0.2930E+03	198.04	0.2930E+03	1.03	2.53	0.41	-3.46	0.1755E+07	0.6241E+05	2423.00	85.48
84.00	0.2905E+010.2944E-01	0.2640E+03	209.07	0.2640E+03	1.05	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	91.11
86.00	0.3082E+010.2790E-01	0.2370E+03	220.88	0.2370E+03	1.07	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	97.09
88.00	0.3213E+010.2609E-01	0.2101E+03	233.54	0.2101E+03	1.09	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	103.39
90.00	0.3309E+010.2423E-01	0.1888E+03	246.96	0.1888E+03	1.09	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	109.91
92.00	0.3609E+010.2396E-01	0.1691E+03	261.00	0.1691E+03	1.17	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	116.83
94.00	0.3971E+010.2399E-01	0.1514E+03	275.92	0.1514E+03	1.27	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	124.41
96.00	0.4342E+010.2394E-01	0.1353E+03	291.77	0.1353E+03	1.38	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	132.72
98.00	0.4631E+010.2334E-01	0.1208E+03	308.83	0.1208E+03	1.47	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	141.70
100.00	0.5093E+010.2342E-01	0.1073E+03	327.83	0.1073E+03	1.62	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	151.42
102.00	0.5335E+010.2254E-01	0.9492E+02	347.06	0.9492E+02	1.72	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	161.85
104.00	0.5275E+010.2048E-01	0.8398E+02	367.91	0.8398E+02	1.72	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	172.46
106.00	0.5291E+010.1896E-01	0.7414E+02	389.47	0.7414E+02	1.77	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	183.02
108.00	0.5193E+010.1720E-01	0.6546E+02	412.36	0.6546E+02	1.78	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	193.51
110.00	0.5124E+010.1573E-01	0.5773E+02	436.17	0.5773E+02	1.81	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	203.82
112.00	0.5731E+010.1643E-01	0.5069E+02	459.18	0.5069E+02	2.11	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	214.68
114.00	0.6098E+010.1664E-01	0.4403E+02	476.95	0.4403E+02	2.41	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	226.51
116.00	0.5090E+010.1342E-01	0.3794E+02	489.80	0.3794E+02	2.21	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	237.70
118.00	0.4307E+010.1102E-01	0.3267E+02	501.12	0.3267E+02	2.06	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	247.09
120.00	0.3739E+010.9335E-02	0.2815E+02	519.98	0.2815E+02	1.99	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	255.14
122.00	0.3737E+010.8731E-02	0.2427E+02	519.12	0.2427E+02	2.12	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	262.46
124.00	0.3637E+010.8735E-02	0.2099E+02	526.76	0.2099E+02	2.40	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	269.67
126.00	0.3545E+010.8349E-02	0.1824E+02	534.94	0.1824E+02	2.58	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	276.85

SUMMARY TABLE FOR BODY POINT 7661
XB= 283.4 THETAB= 270.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	LOAD
10.00	0.2601E+000.1920E-01	0.2601E+000.1920E-01	123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1786E+07	0.1350E+04	183.10	1.30
15.00	0.4348E+000.2977E-01	0.4348E+000.2977E-01	125.01	0.1931E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	3.04
20.00	0.6095E+000.3841E-01	0.6095E+000.3841E-01	126.27	0.1840E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	5.65
25.00	0.7778E+000.4545E-01	0.7778E+000.4545E-01	127.51	0.1684E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	9.12
30.00	0.9461E+000.5095E-01	0.9461E+000.5095E-01	128.97	0.1545E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	13.43
35.00	0.1016E+010.5291E-01	0.1016E+010.5291E-01	129.60	0.1362E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	18.33
40.00	0.1086E+010.5372E-01	0.1086E+010.5372E-01	130.61	0.1219E+04	1.00	0.90	-2.79	-2.02	0.3827E+07	0.1702E+05	965.30	23.58
45.00	0.1100E+010.5335E-01	0.1100E+010.5335E-01	131.02	0.1060E+04	1.00	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	29.05
50.00	0.1094E+010.5126E-01	0.1094E+010.5126E-01	131.75	0.1134E+04	0.98	1.15	-4.41	0.00	0.3759E+07	0.2584E+05	1183.00	34.54
55.00	0.1062E+010.4918E-01	0.1062E+010.4918E-01	131.99	0.9899E+03	0.96	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	39.93
60.00	0.1091E+010.4625E-01	0.1091E+010.4625E-01	133.99	0.8136E+03	0.94	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	45.31
62.00	0.1146E+010.4480E-01	0.1146E+010.4480E-01	135.99	0.7511E+03	0.93	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	47.55
64.00	0.1235E+010.4343E-01	0.1235E+010.4343E-01	138.83	0.6948E+03	0.92	1.71	-3.35	-1.82	0.3282E+07	0.3975E+05	1569.00	49.93
66.00	0.1351E+010.4195E-01	0.1351E+010.4195E-01	142.61	0.6435E+03	0.92	1.80	-3.57	-1.80	0.3151E+07	0.4195E+05	1647.00	52.51
68.00	0.1473E+010.4034E-01	0.1473E+010.4034E-01	146.92	0.5944E+03	0.91	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	55.34
70.00	0.1602E+010.3870E-01	0.1602E+010.3870E-01	151.80	0.5499E+03	0.90	1.99	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	58.41
72.00	0.1735E+010.3701E-01	0.1735E+010.3701E-01	157.28	0.5078E+03	0.89	2.21	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	61.75
74.00	0.1879E+010.3537E-01	0.1879E+010.3537E-01	163.52	0.4699E+03	0.88	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	65.36
76.00	0.2031E+010.3372E-01	0.2031E+010.3372E-01	170.70	0.4345E+03	0.87	2.32	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	69.28
78.00	0.2201E+010.3208E-01	0.2201E+010.3208E-01	179.01	0.4013E+03	0.87	2.42	0.94	-3.01	0.1941E+07	0.5681E+05	2206.00	73.51
80.00	0.2369E+010.3028E-01	0.2369E+010.3028E-01	188.63	0.3702E+03	0.87	2.64	0.41	-3.46	0.1755E+07	0.5957E+05	2313.00	78.08
82.00	0.2520E+010.2855E-01	0.2520E+010.2855E-01	198.67	0.3400E+03	0.86	2.53	-0.98	-3.98	0.1574E+07	0.6241E+05	2423.00	82.97
84.00	0.2677E+010.2691E-01	0.2677E+010.2691E-01	209.87	0.3201E+03	0.85	2.75	-1.27	-4.60	0.1402E+07	0.6532E+05	2539.00	88.17
86.00	0.2831E+010.2539E-01	0.2831E+010.2539E-01	221.92	0.2984E+03	0.85	2.87	-1.57	-5.13	0.1244E+07	0.6831E+05	2656.00	93.67
88.00	0.2987E+010.2399E-01	0.2987E+010.2399E-01	234.91	0.2791E+03	0.84	2.98	-1.62	-5.10	0.1100E+07	0.7139E+05	2777.00	99.49
90.00	0.3056E+010.2214E-01	0.3056E+010.2214E-01	248.45	0.2599E+03	0.88	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	2901.00	105.53
92.00	0.3277E+010.2154E-01	0.3277E+010.2154E-01	262.58	0.2259E+03	0.88	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3025.00	111.87
94.00	0.3545E+010.2120E-01	0.3545E+010.2120E-01	277.59	0.2028E+03	0.94	3.35	-0.82	-4.87	0.7572E+06	0.8446E+05	3154.00	118.69
96.00	0.3813E+010.2082E-01	0.3813E+010.2082E-01	293.54	0.1817E+03	1.00	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3286.00	126.05
98.00	0.4039E+010.2018E-01	0.4039E+010.2018E-01	310.55	0.1597E+03	1.07	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3422.00	133.90
100.00	0.4352E+010.1984E-01	0.4352E+010.1984E-01	329.77	0.1448E+03	1.14	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3566.00	142.29
102.00	0.4532E+010.1899E-01	0.4532E+010.1899E-01	349.02	0.1273E+03	1.20	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3705.00	151.17
104.00	0.4589E+010.1859E-01	0.4589E+010.1859E-01	369.55	0.1069E+03	1.28	4.11	-0.84	-3.09	0.3779E+06	0.1023E+06	3850.00	160.29
106.00	0.4664E+010.1662E-01	0.4664E+010.1662E-01	390.93	0.9153E+02	1.35	4.23	-0.89	-3.03	0.3264E+06	0.1061E+06	3995.00	169.55
108.00	0.4592E+010.1513E-01	0.4592E+010.1513E-01	413.89	0.8079E+02	1.37	4.42	-0.95	-3.30	0.2814E+06	0.1099E+06	4143.00	178.80
110.00	0.4510E+010.1377E-01	0.4510E+010.1377E-01	437.96	0.7287E+02	1.36	4.50	-0.83	-4.24	0.2416E+06	0.1137E+06	4293.00	187.90
112.00	0.4644E+010.1320E-01	0.4644E+010.1320E-01	462.32	0.7309E+02	1.35	4.35	-0.81	-6.99	0.2055E+06	0.1176E+06	4432.00	197.06
114.00	0.4550E+010.1226E-01	0.4550E+010.1226E-01	481.44	0.7114E+02	1.32	4.42	-0.05	-5.59	0.1738E+06	0.1214E+06	4535.00	206.25
116.00	0.4015E+010.1048E-01	0.4015E+010.1048E-01	493.41	0.5617E+02	1.35	4.47	0.16	-4.93	0.1470E+06	0.1252E+06	4605.00	214.82
118.00	0.3570E+010.9063E-02	0.3570E+010.9063E-02	504.35	0.4648E+02	1.36	4.52	-0.03	-4.49	0.1244E+06	0.1290E+06	4665.00	222.40
120.00	0.3170E+010.7854E-02	0.3170E+010.7854E-02	513.95	0.3892E+02	1.36	4.52	-0.03	-5.14	0.1054E+06	0.1327E+06	4715.00	229.14
122.00	0.2904E+010.7046E-02	0.2904E+010.7046E-02	522.60	0.3502E+02	1.35	4.52	-0.14	-6.11	0.0965E+05	0.1364E+06	4754.00	235.21
124.00	0.2714E+010.6519E-02	0.2714E+010.6519E-02	526.76	0.2093E+02	1.78	4.53	-2.46	6.47	0.7667E+05	0.1400E+06	4790.00	240.83
126.00	0.2729E+010.6427E-02	0.2729E+010.6427E-02	534.94	0.1824E+02	1.98	4.54	-3.00				4829.00	246.28

SUMMARY TABLE FOR BODY POINT 31
XB= 451.7 THETAB= 104.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2337E+000.1725E-01		123.94	0.2027E+04	1.00	0.16	0.11	-0.29	0.1126E+07	0.1350E+04	183.10	1.17
15.00	0.3894E+000.2669E-01		124.99	0.1921E+04	1.00	0.27	1.36	-1.62	0.1788E+07	0.2823E+04	306.30	2.73
20.00	0.5443E+000.3439E-01		126.23	0.1821E+04	1.00	0.39	2.61	-2.94	0.2391E+07	0.4296E+04	429.50	5.06
25.00	0.6907E+000.4053E-01		127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	8.15
30.00	0.8331E+000.4515E-01		128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	11.96
35.00	0.8843E+000.4645E-01		129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	16.25
40.00	0.9301E+000.4667E-01		130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	20.79
45.00	0.9437E+000.4662E-01		130.64	0.9490E+03	1.02	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	25.47
50.00	0.1000E+010.4975E-01		130.50	0.7859E+03	1.17	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	30.33
55.00	0.1066E+010.5210E-01		130.86	0.6387E+03	1.34	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	35.50
60.00	0.1197E+010.5343E-01		132.80	0.5094E+03	1.53	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	41.15
62.00	0.1301E+010.5346E-01		134.74	0.4624E+03	1.61	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	43.65
64.00	0.1446E+010.5379E-01		137.27	0.4179E+03	1.70	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	46.40
66.00	0.1640E+010.5366E-01		140.96	0.3759E+03	1.79	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	49.48
68.00	0.1851E+010.5323E-01		145.18	0.3357E+03	1.89	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	52.97
70.00	0.2075E+010.5247E-01		149.95	0.3001E+03	1.99	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	56.90
72.00	0.2304E+010.5130E-01		155.30	0.2663E+03	2.09	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	61.28
74.00	0.2552E+010.5006E-01		161.39	0.2352E+03	2.20	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	66.13
76.00	0.2828E+010.4843E-01		168.80	0.2068E+03	2.32	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	71.52
78.00	0.3072E+010.4646E-01		176.52	0.1812E+03	2.42	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	77.42
80.00	0.3265E+010.4325E-01		185.90	0.1580E+03	2.48	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	83.75
82.00	0.3478E+010.4079E-01		195.67	0.1377E+03	2.58	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	90.50
84.00	0.3781E+010.3933E-01		206.54	0.1195E+03	2.76	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	97.76
86.00	0.4101E+010.3805E-01		218.18	0.1034E+03	2.97	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	105.64
88.00	0.4424E+010.3677E-01		230.71	0.8905E+02	3.20	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	114.16
90.00	0.4585E+010.3434E-01		243.95	0.7657E+02	3.35	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	123.17
92.00	0.4862E+010.3299E-01		257.80	0.6573E+02	3.62	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	132.62
94.00	0.5173E+010.3191E-01		272.54	0.5651E+02	3.93	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	142.65
96.00	0.5448E+010.3054E-01		288.20	0.4834E+02	4.27	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	153.27
98.00	0.5642E+010.2899E-01		305.04	0.4124E+02	4.58	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	164.36
100.00	0.5938E+010.2782E-01		323.80	0.3504E+02	5.01	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	175.94
102.00	0.6047E+010.2602E-01		342.81	0.2977E+02	5.35	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	187.93
104.00	0.6020E+010.2380E-01		363.41	0.2527E+02	5.59	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	200.00
106.00	0.5997E+010.2186E-01		384.72	0.2143E+02	5.89	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	3995.00	212.01
108.00	0.5715E+010.1924E-01		407.35	0.1816E+02	5.95	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	223.73
110.00	0.5430E+010.1694E-01		430.88	0.1538E+02	6.02	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	234.87
112.00	0.5358E+010.1561E-01		453.63	0.1303E+02	6.38	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	245.66
114.00	0.5244E+010.1453E-01		471.20	0.1105E+02	6.83	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	256.26
116.00	0.4578E+010.1226E-01		483.91	0.9396E+01	6.61	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	266.08
118.00	0.3931E+010.1025E-01		495.09	0.8016E+01	6.32	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	274.59
120.00	0.3459E+010.8771E-02		504.83	0.6865E+01	6.19	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	281.98
122.00	0.3237E+010.8042E-02		512.86	0.5902E+01	6.46	4.53	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	288.68
124.00	0.3179E+010.7754E-02		520.39	0.5095E+01	7.06	4.52	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	295.09
126.00	0.3049E+010.7293E-02		528.48	0.4415E+01	7.50	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	301.32

SUMMARY TABLE FOR BODY POINT 1000
XB= 399.0 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALF. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2400E+000	0.1774E-01	123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	1.20
15.00	0.4000E+000	0.2742E-01	124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.80
20.00	0.5589E+000	0.3531E-01	126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	5.20
25.00	0.7089E+000	0.4160E-01	127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	8.37
30.00	0.8545E+000	0.4629E-01	128.86	0.1500E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	12.28
35.00	0.9073E+000	0.4765E-01	129.44	0.1304E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	16.68
40.00	0.9548E+000	0.4789E-01	130.34	0.1130E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	21.34
45.00	0.9514E+000	0.4677E-01	130.74	0.9776E+03	1.00	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	26.10
50.00	0.8491E+000	0.4288E-01	130.20	0.8182E+03	0.98	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	30.60
55.00	0.7801E+000	0.3867E-01	130.57	0.6653E+03	0.95	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	34.68
60.00	0.7538E+000	0.3408E-01	132.52	0.5302E+03	0.93	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	38.51
62.00	0.7715E+000	0.3207E-01	134.46	0.4803E+03	0.92	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	40.04
64.00	0.8154E+000	0.3020E-01	137.40	0.4358E+03	0.91	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	41.62
66.00	0.8657E+000	0.2821E-01	141.09	0.3917E+03	0.90	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	43.30
68.00	0.9160E+000	0.2624E-01	145.30	0.3510E+03	0.89	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	45.09
70.00	0.9617E+000	0.2424E-01	150.07	0.3119E+03	0.88	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	46.96
72.00	0.1002E+010	0.2227E-01	155.41	0.2762E+03	0.87	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	48.93
74.00	0.1042E+010	0.2039E-01	161.50	0.2435E+03	0.86	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	50.97
76.00	0.1081E+010	0.1856E-01	168.62	0.2138E+03	0.85	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	53.10
78.00	0.1111E+010	0.1678E-01	176.61	0.1864E+03	0.84	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	55.29
80.00	0.1129E+010	0.1494E-01	185.96	0.1609E+03	0.82	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	57.53
82.00	0.1141E+010	0.1337E-01	195.72	0.1398E+03	0.82	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	59.80
84.00	0.1164E+010	0.1210E-01	206.61	0.1220E+03	0.81	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	62.10
86.00	0.1183E+010	0.1096E-01	218.30	0.1064E+03	0.82	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	64.45
88.00	0.1185E+010	0.9838E-02	230.88	0.9218E+02	0.82	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	66.82
90.00	0.1171E+010	0.8756E-02	244.13	0.7962E+02	0.81	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	69.17
92.00	0.1154E+010	0.7816E-02	258.01	0.6862E+02	0.81	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	71.50
94.00	0.1138E+010	0.7012E-02	272.77	0.5910E+02	0.82	3.22	-1.63	-2.47	0.8583E+06	0.8108E+05	3154.00	73.79
96.00	0.1130E+010	0.6351E-02	288.35	0.4978E+02	0.84	3.35	-0.98	-2.44	0.7572E+06	0.8446E+05	3286.00	76.06
98.00	0.1110E+010	0.5700E-02	305.18	0.4240E+02	0.86	3.47	-0.85	-2.25	0.6662E+06	0.8791E+05	3422.00	78.30
100.00	0.1112E+010	0.5209E-02	323.97	0.3608E+02	0.89	3.61	-0.83	-2.36	0.5826E+06	0.9142E+05	3566.00	80.52
102.00	0.1079E+010	0.4640E-02	342.97	0.3069E+02	0.91	3.73	-0.82	-2.26	0.5054E+06	0.9500E+05	3705.00	82.71
104.00	0.1075E+010	0.4244E-02	363.60	0.2612E+02	0.95	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	84.87
106.00	0.1114E+010	0.4059E-02	384.92	0.2221E+02	1.04	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	87.05
108.00	0.1064E+010	0.3579E-02	407.57	0.1889E+02	1.05	4.11	-0.89	-3.30	0.3264E+06	0.1061E+06	4143.00	89.23
110.00	0.9644E+000	0.3007E-02	431.14	0.1608E+02	1.01	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	91.26
112.00	0.8951E+000	0.2606E-02	453.86	0.1356E+02	1.01	4.35	-0.81	-3.49	0.2055E+06	0.1176E+06	4432.00	93.12
114.00	0.8175E+000	0.2265E-02	471.35	0.1134E+02	1.02	4.42	-0.51	-2.79	0.1738E+06	0.1214E+06	4605.00	96.44
116.00	0.7897E+000	0.2114E-02	483.92	0.9421E+01	1.02	4.47	-0.05	-2.47	0.1470E+06	0.1252E+06	4665.00	97.90
118.00	0.6719E+000	0.1747E-02	495.09	0.8016E+01	1.05	4.50	0.16	-2.24	0.1244E+06	0.1290E+06	4715.00	99.16
120.00	0.5860E+000	0.1486E-02	504.83	0.6875E+01	1.02	4.52	-0.03	-2.24	0.1054E+06	0.1327E+06	4754.00	100.30
122.00	0.5504E+000	0.1368E-02	512.90	0.5945E+01	1.06	4.52	-0.14	-2.57	0.08965E+05	0.1364E+06	4790.00	101.37
124.00	0.5191E+000	0.1266E-02	520.39	0.5095E+01	1.12	4.53	0.27	-3.05	0.7667E+05	0.1400E+06	4829.00	102.34
126.00	0.4577E+000	0.1095E-02	528.55	0.4461E+01	1.08	4.54	-0.19	-3.24	0.7667E+05	0.1400E+06	4829.00	102.34

SUMMARY TABLE FOR BODY POINT 1021
XB= 447.5 THETAB= 45.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2342E+000.1729E-01	123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.17	1.17
15.00	0.3902E+000.2675E-01	124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.73	2.73
20.00	0.5455E+000.3446E-01	126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	5.07	5.07
25.00	0.6921E+000.4061E-01	127.44	0.1653E+04	1.00	0.51	-0.32	-2.38	0.2931E+07	0.6939E+04	569.50	8.17	8.17
30.00	0.8348E+000.4524E-01	128.85	0.1498E+04	1.00	0.65	-3.24	-3.62	0.3401E+07	0.9582E+04	709.40	11.98	11.98
35.00	0.8861E+000.4655E-01	129.44	0.1302E+04	1.00	0.77	-3.02	-2.82	0.3647E+07	0.1330E+05	837.30	16.28	16.28
40.00	0.9325E+000.4676E-01	130.34	0.1131E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	20.83	20.83
45.00	0.9349E+000.4594E-01	130.75	0.9799E+03	1.00	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	25.50	25.50
50.00	0.8645E+000.4314E-01	130.44	0.7886E+03	1.01	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	30.00	30.00
55.00	0.8160E+000.4000E-01	130.80	0.6411E+03	1.03	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	34.20	34.20
60.00	0.8290E+000.3704E-01	132.78	0.5101E+03	1.06	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	38.31	38.31
62.00	0.8773E+000.3605E-01	134.74	0.4624E+03	1.08	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	40.02	40.02
64.00	0.9452E+000.3517E-01	137.27	0.4179E+03	1.11	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	41.84	41.84
66.00	0.1044E+010.3414E-01	140.96	0.3759E+03	1.14	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	43.83	43.83
68.00	0.1150E+010.3307E-01	145.18	0.3367E+03	1.17	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	46.02	46.02
70.00	0.1256E+010.3174E-01	149.95	0.3001E+03	1.20	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	48.43	48.43
72.00	0.1363E+010.3035E-01	155.30	0.2663E+03	1.24	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	51.05	51.05
74.00	0.1482E+010.2906E-01	161.39	0.2352E+03	1.28	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	53.89	53.89
76.00	0.1582E+010.2709E-01	168.80	0.2068E+03	1.29	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	56.96	56.96
78.00	0.1693E+010.2560E-01	176.52	0.1812E+03	1.33	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	60.23	60.23
80.00	0.1803E+010.2388E-01	185.90	0.1580E+03	1.37	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	63.73	63.73
82.00	0.1916E+010.2247E-01	195.67	0.1377E+03	1.42	2.53	0.12	-3.46	0.1755E+07	0.6241E+05	2423.00	67.44	67.44
84.00	0.1996E+010.2077E-01	206.54	0.1195E+03	1.45	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	71.36	71.36
86.00	0.2041E+010.1893E-01	218.18	0.1034E+03	1.47	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	75.39	75.39
88.00	0.2105E+010.1749E-01	230.71	0.8905E+02	1.52	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	79.54	79.54
90.00	0.2119E+010.1587E-01	243.95	0.7657E+02	1.55	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	83.76	83.76
92.00	0.2109E+010.1431E-01	257.80	0.6573E+02	1.57	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	87.99	87.99
94.00	0.2108E+010.1300E-01	272.54	0.5651E+02	1.60	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	92.21	92.21
96.00	0.2067E+010.1163E-01	288.20	0.4834E+02	1.62	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	96.38	96.38
98.00	0.1995E+010.1025E-01	305.04	0.4124E+02	1.61	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	100.45	100.45
100.00	0.1984E+010.9297E-02	323.80	0.3504E+02	1.67	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	104.42	104.42
102.00	0.1893E+010.8147E-02	342.81	0.2977E+02	1.67	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	108.30	108.30
104.00	0.1697E+010.6709E-02	363.41	0.2527E+02	1.57	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	111.89	111.89
106.00	0.1547E+010.5641E-02	384.72	0.2143E+02	1.52	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	115.14	115.14
108.00	0.1447E+010.4872E-02	407.35	0.1816E+02	1.50	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	118.13	118.13
110.00	0.1383E+010.4316E-02	430.88	0.1538E+02	1.53	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	120.96	120.96
112.00	0.1532E+010.4462E-02	453.63	0.1303E+02	1.82	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	123.88	123.88
114.00	0.1609E+010.4459E-02	471.20	0.1105E+02	2.09	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	127.02	127.02
116.00	0.1365E+010.3654E-02	483.91	0.9396E+01	1.97	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	129.99	129.99
118.00	0.1168E+010.3037E-02	495.09	0.8016E+01	1.87	4.50	0.16	-4.93	0.1470E+06	0.1252E+06	4665.00	132.52	132.52
120.00	0.1026E+010.2602E-02	504.83	0.6865E+01	1.83	4.52	-0.03	-4.49	0.1244E+06	0.1290E+06	4715.00	134.72	134.72
122.00	0.9533E+000.2369E-02	512.86	0.5902E+01	1.90	4.52	-0.14	-5.14	0.1054E+06	0.1327E+06	4754.00	136.70	136.70
124.00	0.9030E+000.2203E-02	520.39	0.5095E+01	2.00	4.53	0.27	-6.11	0.8965E+05	0.1364E+06	4790.00	138.55	138.55
126.00	0.8401E+000.2009E-02	528.48	0.4415E+01	2.06	4.54	-0.19	-6.47	0.7667E+05	0.1400E+06	4829.00	140.30	140.30

SUMMARY TABLE FOR BODY POINT 1022
XB= 495.9 THETAB= 45.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2283E+000.1686E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.14
15.00	0.3807E+000.2610E-01		124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.66
20.00	0.5324E+000.3364E-01		126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	4.95
25.00	0.6757E+000.3965E-01		127.44	0.1653E+04	1.00	0.51	-0.32	-2.38	0.2933E+07	0.6939E+04	569.50	7.97
30.00	0.8152E+000.4418E-01		128.85	0.1498E+04	1.00	0.65	-3.24	-3.62	0.3401E+07	0.9582E+04	709.40	11.69
35.00	0.8653E+000.4546E-01		129.44	0.1302E+04	1.00	0.77	-3.02	-2.82	0.3647E+07	0.1330E+05	837.30	15.90
40.00	0.9106E+000.4567E-01		130.34	0.1131E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	20.34
45.00	0.9108E+000.4475E-01		130.75	0.9799E+03	1.00	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	24.89
50.00	0.8255E+000.4167E-01		130.21	0.8199E+03	0.99	1.15	-4.41	2.02	0.3759E+07	0.2584E+05	1183.00	29.23
55.00	0.7720E+000.3824E-01		130.59	0.6682E+03	0.99	1.29	-4.15	2.12	0.3657E+07	0.3059E+05	1301.00	33.22
60.00	0.7603E+000.3434E-01		132.54	0.5333E+03	0.98	1.46	-3.78	2.06	0.3496E+07	0.3556E+05	1435.00	37.05
62.00	0.7841E+000.3257E-01		134.48	0.4831E+03	0.98	1.53	-3.61	1.90	0.3395E+07	0.3763E+05	1497.00	38.60
64.00	0.8348E+000.3090E-01		137.42	0.4381E+03	0.97	1.62	-3.57	1.82	0.3282E+07	0.3975E+05	1569.00	40.22
66.00	0.9002E+000.2945E-01		140.96	0.3759E+03	1.01	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	41.95
68.00	0.9776E+000.2811E-01		145.18	0.3367E+03	1.02	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	43.83
70.00	0.1053E+010.2662E-01		149.95	0.3001E+03	1.03	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	45.86
72.00	0.1128E+010.2512E-01		155.30	0.2663E+03	1.05	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	48.04
74.00	0.1210E+010.2374E-01		161.39	0.2352E+03	1.07	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	50.38
76.00	0.1277E+010.2187E-01		168.80	0.2068E+03	1.07	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	52.87
78.00	0.1355E+010.2050E-01		176.52	0.1812E+03	1.09	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	55.50
80.00	0.1435E+010.1900E-01		185.90	0.1580E+03	1.12	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	58.29
82.00	0.1503E+010.1763E-01		195.67	0.1377E+03	1.14	2.53	0.12	-3.46	0.1755E+07	0.6241E+05	2423.00	61.23
84.00	0.1567E+010.1630E-01		206.54	0.1195E+03	1.17	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	64.30
86.00	0.1660E+010.1540E-01		218.18	0.1034E+03	1.23	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	67.53
88.00	0.1778E+010.1332E-01		230.71	0.8905E+02	1.32	2.87	-1.62	-5.10	0.1244E+07	0.7139E+05	2777.00	70.96
90.00	0.1778E+010.1332E-01		243.95	0.7657E+02	1.33	2.98	-1.57	-5.10	0.1100E+07	0.7454E+05	2901.00	74.52
92.00	0.1735E+010.1177E-01		257.80	0.6573E+02	1.32	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	78.03
94.00	0.1685E+010.1039E-01		272.54	0.5651E+02	1.31	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	81.45
96.00	0.1621E+010.9116E-02		288.20	0.4834E+02	1.30	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	84.76
98.00	0.1491E+010.7662E-02		305.04	0.4124E+02	1.24	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	87.87
100.00	0.1476E+010.6918E-02		323.80	0.3504E+02	1.27	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	90.84
102.00	0.1371E+010.5899E-02		342.81	0.2977E+02	1.24	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	93.69
104.00	0.1194E+010.4721E-02		363.41	0.2527E+02	1.14	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	96.25
106.00	0.1069E+010.3897E-02		384.72	0.2143E+02	1.08	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	98.52
108.00	0.9976E+000.3360E-02		407.35	0.1816E+02	1.06	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	100.58
110.00	0.9598E+000.2995E-02		430.88	0.1538E+02	1.09	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	102.54
112.00	0.1104E+010.3216E-02		453.63	0.1303E+02	1.35	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	104.60
114.00	0.1166E+010.3230E-02		471.20	0.1105E+02	1.56	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	106.87
116.00	0.9471E+000.2536E-02		483.91	0.9396E+01	1.40	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	108.99
118.00	0.7946E+000.2066E-02		495.09	0.8016E+01	1.31	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4685.00	110.73
120.00	0.6731E+000.1706E-02		504.83	0.6865E+01	1.24	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	112.20
122.00	0.6564E+000.1631E-02		512.86	0.5902E+01	1.34	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	113.52
124.00	0.6595E+000.1608E-02		520.39	0.5095E+01	1.50	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	114.84
126.00	0.6312E+000.1510E-02		528.48	0.4415E+01	1.59	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	116.13

SUMMARY TABLE FOR BODY POINT 1043
XB= 407.7 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (FT/2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2392E+000.1766E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.20
15.00	0.3982E+000.2730E-01		124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.79
20.00	0.5565E+000.3516E-01		126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	5.18
25.00	0.7059E+000.4142E-01		127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	8.33
30.00	0.8513E+000.4613E-01		128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	12.22
35.00	0.9036E+000.4747E-01		129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	16.61
40.00	0.9505E+000.4768E-01		130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	21.25
45.00	0.9727E+000.4805E-01		130.64	0.9490E+03	1.03	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	26.06
50.00	0.1079E+010.5366E-01		130.50	0.7859E+03	1.24	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	31.18
55.00	0.1206E+010.5895E-01		130.86	0.6387E+03	1.48	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	36.90
60.00	0.1427E+010.6372E-01		132.80	0.5094E+03	1.78	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	43.48
62.00	0.1586E+010.6517E-01		134.74	0.4624E+03	1.92	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	46.49
64.00	0.1801E+010.6702E-01		137.27	0.4179E+03	2.07	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	49.88
66.00	0.2096E+010.6859E-01		140.96	0.3759E+03	2.24	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	53.78
68.00	0.2424E+010.6969E-01		145.18	0.3367E+03	2.42	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	58.30
70.00	0.2792E+010.7060E-01		149.95	0.3001E+03	2.62	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	63.51
72.00	0.3196E+010.7118E-01		155.30	0.2663E+03	2.84	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	69.50
74.00	0.3659E+010.7176E-01		161.39	0.2352E+03	3.09	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	76.36
76.00	0.4200E+010.7191E-01		168.80	0.2068E+03	3.37	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	84.22
78.00	0.4756E+010.7194E-01		176.52	0.1812E+03	3.67	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	93.17
80.00	0.5352E+010.7089E-01		185.90	0.1580E+03	3.98	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	103.28
82.00	0.5979E+010.7012E-01		195.67	0.1377E+03	4.34	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	114.61
84.00	0.6678E+010.6946E-01		206.54	0.1195E+03	4.76	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	127.27
86.00	0.7409E+010.6874E-01		218.18	0.1034E+03	5.24	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	141.35
88.00	0.8129E+010.6756E-01		230.71	0.8905E+02	5.75	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	156.89
90.00	0.8584E+010.6428E-01		243.95	0.7657E+02	6.13	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	173.61
92.00	0.9076E+010.6158E-01		257.80	0.6573E+02	6.60	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	191.27
94.00	0.9611E+010.5928E-01		272.54	0.5651E+02	7.14	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	209.95
96.00	0.1010E+020.5680E-01		288.20	0.4834E+02	7.73	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	229.66
98.00	0.1035E+020.5318E-01		305.04	0.4124E+02	8.20	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	250.11
100.00	0.1095E+020.5132E-01		323.80	0.3504E+02	9.02	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	271.42
102.00	0.1108E+020.4769E-01		342.81	0.2977E+02	9.56	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	293.45
104.00	0.1059E+020.4184E-01		363.41	0.2527E+02	9.60	3.86	-0.84	-3.62	0.4373E+06	0.9864E+05	3850.00	315.12
106.00	0.1024E+020.3733E-01		384.72	0.2143E+02	9.82	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	335.95
108.00	0.9705E+010.3268E-01		407.35	0.1816E+02	9.87	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	355.89
110.00	0.9309E+010.2905E-01		430.88	0.1538E+02	10.07	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	374.90
112.00	0.1007E+020.2933E-01		453.63	0.1303E+02	11.69	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	394.28
114.00	0.1035E+020.2869E-01		471.20	0.1105E+02	13.15	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	414.70
116.00	0.8631E+010.2311E-01		483.91	0.9396E+01	12.16	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	433.69
118.00	0.7407E+010.1925E-01		495.09	0.8016E+01	11.60	4.50	0.16	-4.93	0.1470E+06	0.1252E+06	4665.00	449.72
120.00	0.6455E+010.1636E-01		504.83	0.6865E+01	11.26	4.52	-0.03	-4.49	0.1244E+06	0.1290E+06	4715.00	463.58
122.00	0.6054E+010.1504E-01		512.86	0.5902E+01	11.78	4.52	-0.14	-5.14	0.1054E+06	0.1327E+06	4754.00	476.09
124.00	0.5766E+010.1406E-01		520.39	0.5095E+01	12.48	4.53	0.27	-6.11	0.8965E+05	0.1364E+06	4790.00	487.91
126.00	0.5355E+010.1281E-01		528.48	0.4415E+01	12.83	4.54	-0.19	-6.47	0.7667E+05	0.1400E+06	4829.00	499.04

SUMMARY TABLE FOR BODY POINT 1045
XB= 431.0 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2363E+000.1744E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.18
15.00	0.3935E+000.2698E-01		124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.76
20.00	0.5500E+000.3475E-01		126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	5.11
25.00	0.6978E+000.4095E-01		127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	8.23
30.00	0.8416E+000.4561E-01		128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	12.08
35.00	0.8933E+000.4693E-01		129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1303E+05	837.30	16.42
40.00	0.9397E+000.4714E-01		130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	21.00
45.00	0.9645E+000.4757E-01		130.68	0.9584E+03	1.03	1.02	-2.61	1.87	0.3821E+07	0.2131E+05	1073.00	25.76
50.00	0.1075E+010.5349E-01		130.50	0.7859E+03	1.25	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	30.86
55.00	0.1210E+010.5913E-01		130.86	0.6387E+03	1.51	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	36.57
60.00	0.1456E+010.6500E-01		132.80	0.5094E+03	1.84	1.46	-2.88	-2.06	0.3496E+07	0.3556E+05	1435.00	43.24
62.00	0.1641E+010.6743E-01		134.74	0.4624E+03	2.01	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	46.34
64.00	0.1892E+010.7040E-01		137.27	0.4179E+03	2.20	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	49.87
66.00	0.2236E+010.7317E-01		140.96	0.3759E+03	2.42	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	54.00
68.00	0.2631E+010.7566E-01		145.18	0.3367E+03	2.66	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	58.86
70.00	0.3071E+010.7763E-01		149.95	0.3001E+03	2.92	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	64.57
72.00	0.3560E+010.7930E-01		155.30	0.2663E+03	3.20	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	71.20
74.00	0.4131E+010.8101E-01		161.39	0.2352E+03	3.53	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	78.89
76.00	0.4794E+010.8209E-01		168.80	0.2068E+03	3.89	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	87.81
78.00	0.5507E+010.8329E-01		176.52	0.1812E+03	4.29	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2206.00	98.11
80.00	0.6216E+010.8333E-01		185.90	0.1580E+03	4.67	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	109.84
82.00	0.6801E+010.7976E-01		195.67	0.1377E+03	4.99	2.53	0.41	-3.46	0.1755E+07	0.6241E+05	2423.00	122.85
84.00	0.7336E+010.7631E-01		206.54	0.1195E+03	5.29	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	136.99
86.00	0.7890E+010.7320E-01		218.18	0.1034E+03	5.65	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	152.22
88.00	0.8480E+010.7048E-01		230.71	0.8905E+02	6.08	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	168.59
90.00	0.8984E+010.6727E-01		243.95	0.7657E+02	6.50	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	186.05
92.00	0.9661E+010.6554E-01		257.80	0.6573E+02	7.11	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	204.70
94.00	0.1043E+020.6432E-01		272.54	0.5651E+02	7.84	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	224.79
96.00	0.1111E+020.6246E-01		288.20	0.4834E+02	8.61	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	246.32
98.00	0.1166E+020.5993E-01		305.04	0.4124E+02	9.36	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	269.09
100.00	0.1242E+020.5820E-01		323.80	0.3504E+02	10.35	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	293.17
102.00	0.1276E+020.5489E-01		342.81	0.2977E+02	11.15	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	318.35
104.00	0.1256E+020.4966E-01		363.41	0.2577E+02	11.54	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	343.67
106.00	0.1240E+020.4522E-01		384.72	0.2143E+02	12.05	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	368.64
108.00	0.1178E+020.3965E-01		407.35	0.1816E+02	12.13	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	392.82
110.00	0.1120E+020.3496E-01		430.88	0.1538E+02	12.28	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	415.80
112.00	0.1165E+020.3395E-01		453.63	0.1303E+02	13.71	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	438.65
114.00	0.1162E+020.3220E-01		471.20	0.1105E+02	14.96	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	461.93
116.00	0.1004E+020.2687E-01		483.91	0.9396E+01	14.33	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	483.58
118.00	0.9155E+010.2380E-01		495.09	0.8016E+01	14.53	4.50	0.74	-4.93	0.1470E+06	0.1252E+06	4665.00	502.77
120.00	0.8444E+010.2141E-01		504.83	0.6865E+01	14.93	4.52	1.44	-4.49	0.1244E+06	0.1290E+06	4715.00	520.37
122.00	0.7700E+010.1913E-01		512.86	0.5902E+01	15.19	4.52	1.53	-5.14	0.1054E+06	0.1327E+06	4754.00	536.52
124.00	0.6926E+010.1689E-01		520.39	0.5095E+01	15.19	4.53	1.18	-6.11	0.8955E+05	0.1364E+06	4790.00	551.14
126.00	0.6233E+010.1491E-01		528.48	0.4415E+01	15.14	4.54	0.74	-6.47	0.7667E+05	0.1400E+06	4829.00	564.30

SUMMARY TABLE FOR BODY POINT 1046
XB= 499.4 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2279E+000.1683E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.14
15.00	0.3800E+000.2605E-01		124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.66
20.00	0.5315E+000.3358E-01		126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	4.94
25.00	0.6745E+000.3958E-01		127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	7.95
30.00	0.8138E+000.4410E-01		128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	11.67
35.00	0.8638E+000.4538E-01		129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1305E+05	837.30	15.87
40.00	0.9087E+000.4559E-01		130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	20.30
45.00	0.8966E+000.4429E-01		130.64	0.9490E+03	1.00	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	24.81
50.00	0.8156E+000.3057E-01		130.50	0.7859E+03	0.98	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	29.09
55.00	0.7472E+000.3652E-01		130.86	0.6387E+03	0.96	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	33.00
60.00	0.7199E+000.3214E-01		132.80	0.5094E+03	0.94	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	36.67
62.00	0.7362E+000.3025E-01		134.74	0.4624E+03	0.93	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	38.12
64.00	0.7653E+000.2848E-01		137.27	0.4179E+03	0.92	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	39.63
66.00	0.8136E+000.2662E-01		140.96	0.3759E+03	0.91	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	41.20
68.00	0.8612E+000.2476E-01		145.18	0.3367E+03	0.90	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	42.88
70.00	0.9072E+000.2294E-01		149.95	0.3001E+03	0.89	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	44.65
72.00	0.9484E+000.2112E-01		155.30	0.2663E+03	0.88	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	46.50
74.00	0.9894E+000.1940E-01		161.39	0.2352E+03	0.88	2.10	-2.41	-2.34	0.2515E+07	0.5153E+05	1999.00	48.44
76.00	0.1034E+010.1770E-01		168.80	0.2068E+03	0.87	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	50.46
78.00	0.1067E+010.1614E-01		176.52	0.1812E+03	0.86	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	52.56
80.00	0.1122E+010.1451E-01		185.90	0.1580E+03	0.85	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	54.73
82.00	0.1122E+010.1316E-01		195.67	0.1377E+03	0.85	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	56.94
84.00	0.1157E+010.1204E-01		206.54	0.1195E+03	0.86	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	59.22
86.00	0.1192E+010.1013E-01		218.18	0.1034E+03	0.88	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	61.57
88.00	0.1219E+010.1013E-01		230.71	0.8905E+02	0.90	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	63.98
90.00	0.1203E+010.9010E-02		243.95	0.7657E+02	0.90	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	66.41
92.00	0.1189E+010.8067E-02		257.80	0.6573E+02	0.91	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	68.80
94.00	0.1172E+010.7231E-02		272.54	0.5651E+02	0.91	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	71.16
96.00	0.1142E+010.6422E-02		288.20	0.4834E+02	0.92	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	73.47
98.00	0.1101E+010.5657E-02		305.04	0.4124E+02	0.92	3.47	-1.59	0.00	0.6662E+06	0.8791E+05	3422.00	75.72
100.00	0.1117E+010.5233E-02		323.80	0.3504E+02	0.97	3.61	-1.60	0.00	0.5826E+06	0.9142E+05	3566.00	77.93
102.00	0.1116E+010.4801E-02		342.81	0.2977E+02	1.01	3.73	-1.57	0.00	0.5054E+06	0.9500E+05	3705.00	80.17
104.00	0.1112E+010.4394E-02		363.41	0.2527E+02	1.06	3.86	-1.61	0.00	0.4373E+06	0.9864E+05	3850.00	82.39
106.00	0.1099E+010.4005E-02		384.72	0.2143E+02	1.11	3.98	-1.63	0.00	0.3779E+06	0.1023E+06	3995.00	84.60
108.00	0.1044E+010.3516E-02		407.35	0.1816E+02	1.12	4.11	-1.65	0.00	0.3264E+06	0.1061E+06	4143.00	86.75
110.00	0.9809E+000.3061E-02		430.88	0.1538E+02	1.12	4.23	-1.70	0.00	0.2814E+06	0.1099E+06	4293.00	88.77
112.00	0.9125E+000.2659E-02		453.63	0.1303E+02	1.12	4.35	-1.59	0.00	0.2416E+06	0.1137E+06	4432.00	90.66
114.00	0.1018E+010.2822E-02		471.20	0.1105E+02	1.36	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	92.60
116.00	0.7574E+000.2028E-02		483.91	0.9396E+01	1.12	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	94.37
118.00	0.6757E+000.1757E-02		495.09	0.8016E+01	1.12	4.50	-1.58	0.00	0.1470E+06	0.1252E+06	4665.00	95.80
120.00	0.6060E+000.1536E-02		504.83	0.6865E+01	1.11	4.52	-1.50	0.00	0.1244E+06	0.1290E+06	4715.00	97.09
122.00	0.5446E+000.1353E-02		512.86	0.5902E+01	1.12	4.52	-1.80	0.00	0.1054E+06	0.1327E+06	4754.00	98.24
124.00	0.5672E+000.1384E-02		520.39	0.5095E+01	1.30	4.53	-2.46	-6.11	0.8955E+05	0.1364E+06	4790.00	99.35
126.00	0.5660E+000.1354E-02		528.48	0.4415E+01	1.43	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	100.48

SUMMARY TABLE FOR BODY POINT 1047
XB= 511.5 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2265E+000.1672E-01	123.99	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.13	
15.00	0.3777E+000.2589E-01	124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.64	
20.00	0.5283E+000.3338E-01	126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	4.91	
25.00	0.6705E+000.3935E-01	127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	7.90	
30.00	0.8089E+000.4384E-01	128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	11.60	
35.00	0.8587E+000.4511E-01	129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	15.77	
40.00	0.9033E+000.4532E-01	130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	20.18	
45.00	0.8887E+000.4390E-01	130.64	0.9490E+03	0.99	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	24.66	
50.00	0.7951E+000.3955E-01	130.50	0.7859E+03	0.96	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	28.87	
55.00	0.7164E+000.3502E-01	130.86	0.6387E+03	0.93	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	32.65	
60.00	0.6799E+000.3036E-01	132.80	0.5094E+03	0.90	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	36.14	
62.00	0.6923E+000.2845E-01	134.74	0.4624E+03	0.88	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	37.51	
64.00	0.7155E+000.2662E-01	137.27	0.4179E+03	0.87	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	38.92	
66.00	0.7566E+000.2476E-01	140.96	0.3759E+03	0.85	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	40.39	
68.00	0.7955E+000.2290E-01	145.18	0.3367E+03	0.84	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	41.94	
70.00	0.8340E+000.2109E-01	149.95	0.3001E+03	0.83	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	43.57	
72.00	0.8670E+000.1931E-01	155.30	0.2663E+03	0.81	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	45.27	
74.00	0.8978E+000.1761E-01	161.39	0.2352E+03	0.80	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	47.04	
76.00	0.9303E+000.1593E-01	168.80	0.2068E+03	0.79	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	48.87	
78.00	0.9518E+000.1440E-01	176.52	0.1812E+03	0.77	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	50.75	
80.00	0.9688E+000.1283E-01	185.90	0.1580E+03	0.76	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	52.67	
82.00	0.9777E+000.1147E-01	195.67	0.1377E+03	0.75	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	54.62	
84.00	0.9877E+000.1027E-01	206.54	0.1195E+03	0.74	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	56.58	
86.00	0.9925E+000.9208E-02	218.18	0.1034E+03	0.74	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	58.56	
88.00	0.9926E+000.8250E-02	230.71	0.8905E+02	0.74	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	60.55	
90.00	0.9732E+000.7288E-02	243.95	0.7657E+02	0.73	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	62.51	
92.00	0.9820E+000.6662E-02	257.80	0.6573E+02	0.75	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	64.47	
94.00	0.9941E+000.6131E-02	272.54	0.5651E+02	0.78	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	66.44	
96.00	0.9985E+000.5605E-02	288.20	0.4834E+02	0.81	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	68.43	
98.00	0.9835E+000.5053E-02	305.04	0.4124E+02	0.82	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	70.41	
100.00	0.9843E+000.4612E-02	323.80	0.3504E+02	0.86	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	72.38	
102.00	0.9586E+000.4124E-02	342.81	0.2977E+02	0.88	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	74.32	
104.00	0.9006E+000.3560E-02	363.41	0.2527E+02	0.86	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	76.18	
106.00	0.8481E+000.3092E-02	384.72	0.2143E+02	0.86	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	3995.00	77.93	
108.00	0.8000E+000.2694E-02	407.35	0.1816E+02	0.86	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	79.58	
110.00	0.7618E+000.2377E-02	430.88	0.1538E+02	0.87	4.23	-1.14	-3.30	0.2814E+06	0.1137E+06	4293.00	81.14	
112.00	0.7798E+000.2272E-02	453.63	0.1303E+02	0.96	4.35	-1.39	-5.24	0.2416E+06	0.1176E+06	4432.00	82.68	
114.00	0.7679E+000.2128E-02	471.20	0.1105E+02	1.03	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	84.23	
116.00	0.6523E+000.1746E-02	483.91	0.9396E+01	0.97	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	85.65	
118.00	0.5830E+000.1516E-02	495.09	0.8016E+01	0.97	4.50	0.74	-4.93	0.1470E+06	0.1252E+06	4665.00	86.89	
120.00	0.5244E+000.1330E-02	504.83	0.6865E+01	0.97	4.52	1.44	-4.49	0.1244E+06	0.1290E+06	4715.00	88.00	
122.00	0.4845E+000.1204E-02	512.86	0.5902E+01	1.00	4.52	1.53	-5.14	0.1054E+06	0.1327E+06	4754.00	89.00	
124.00	0.4487E+000.1095E-02	520.39	0.5095E+01	1.03	4.53	1.18	-6.11	0.8965E+05	0.1364E+06	4790.00	89.94	
126.00	0.4060E+000.9712E-03	528.48	0.4415E+01	1.03	4.54	0.74	-6.47	0.7667E+05	0.1400E+06	4829.00	90.79	

SUMMARY TABLE FOR BODY POINT 1048
XB= 521.9 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINFL (FT-1)	ALT. (FT.)	VEL. (FPS)	LOAD
10.00	0.2252E+000.1663E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.13
15.00	0.3757E+000.2576E-01		124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.63
20.00	0.5255E+000.3320E-01		126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	4.88
25.00	0.6671E+000.3914E-01		127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	7.86
30.00	0.8048E+000.4361E-01		128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	11.54
35.00	0.8543E+000.4488E-01		129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	15.69
40.00	0.8987E+000.4509E-01		130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	20.07
45.00	0.8838E+000.4365E-01		130.64	0.9490E+03	0.99	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	24.53
50.00	0.7887E+000.3923E-01		130.50	0.7859E+03	0.96	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	28.71
55.00	0.7083E+000.3463E-01		130.86	0.6387E+03	0.92	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	32.45
60.00	0.6698E+000.2931E-01		132.80	0.5094E+03	0.89	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	35.90
62.00	0.6813E+000.2799E-01		134.74	0.4624E+03	0.87	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	37.25
64.00	0.7035E+000.2618E-01		137.27	0.4179E+03	0.86	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	38.63
66.00	0.7425E+000.2429E-01		140.96	0.3759E+03	0.84	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	40.08
68.00	0.7810E+000.2246E-01		145.18	0.3367E+03	0.83	1.80	-3.23	0.00	0.3003E+07	0.4423E+05	1729.00	41.60
70.00	0.8171E+000.2066E-01		149.95	0.3001E+03	0.81	1.89	-3.01	0.00	0.2845E+07	0.4658E+05	1814.00	43.20
72.00	0.8492E+000.1891E-01		155.30	0.2663E+03	0.80	1.99	-2.69	0.00	0.2681E+07	0.4902E+05	1904.00	44.87
74.00	0.8787E+000.1723E-01		161.39	0.2352E+03	0.79	2.10	-2.41	0.00	0.2515E+07	0.5153E+05	1999.00	46.60
76.00	0.9098E+000.1558E-01		168.80	0.2068E+03	0.77	2.21	-2.14	0.00	0.2341E+07	0.5413E+05	2100.00	48.38
78.00	0.9315E+000.1409E-01		176.52	0.1812E+03	0.76	2.32	-1.73	0.00	0.2152E+07	0.5681E+05	2206.00	50.23
80.00	0.9522E+000.1261E-01		185.90	0.1580E+03	0.75	2.42	-1.04	0.00	0.1941E+07	0.5957E+05	2313.00	52.11
82.00	0.9617E+000.1128E-01		195.67	0.1377E+03	0.74	2.53	-0.76	0.00	0.1755E+07	0.6241E+05	2423.00	54.02
84.00	0.9647E+000.1003E-01		206.54	0.1195E+03	0.73	2.64	-0.98	0.00	0.1574E+07	0.6532E+05	2539.00	55.95
86.00	0.9582E+000.8897E-02		218.18	0.1034E+03	0.72	2.75	-1.27	0.00	0.1402E+07	0.6831E+05	2656.00	57.87
88.00	0.9453E+000.7857E-02		230.71	0.8905E+02	0.71	2.87	-1.57	0.00	0.1244E+07	0.7139E+05	2777.00	59.78
90.00	0.9244E+000.6922E-02		243.95	0.7657E+02	0.70	2.98	-1.62	0.00	0.1100E+07	0.7454E+05	2901.00	61.65
92.00	0.9399E+000.6376E-02		257.80	0.6573E+02	0.73	3.10	-1.07	0.00	0.9720E+06	0.7777E+05	3025.00	63.51
94.00	0.9617E+000.5931E-02		272.54	0.5651E+02	0.76	3.22	-0.96	0.00	0.8583E+06	0.8108E+05	3154.00	65.41
96.00	0.9748E+000.5482E-02		288.20	0.4834E+02	0.79	3.35	-0.98	0.00	0.7572E+06	0.8446E+05	3286.00	67.35
98.00	0.9840E+000.5056E-02		305.04	0.4124E+02	0.83	3.47	-0.85	0.00	0.6662E+06	0.8791E+05	3422.00	69.31
100.00	0.9889E+000.4634E-02		323.80	0.3504E+02	0.87	3.61	-0.83	0.00	0.5826E+06	0.9142E+05	3566.00	71.28
102.00	0.9804E+000.4218E-02		342.81	0.2977E+02	0.90	3.73	-0.82	0.00	0.5054E+06	0.9500E+05	3705.00	73.25
104.00	0.9683E+000.3827E-02		363.41	0.2527E+02	0.93	3.86	-0.84	0.00	0.4373E+06	0.9864E+05	3850.00	75.20
106.00	0.9486E+000.3459E-02		384.72	0.2143E+02	0.97	3.98	-0.89	0.00	0.3779E+06	0.1023E+06	3995.00	77.11
108.00	0.8989E+000.3027E-02		407.35	0.1816E+02	0.97	4.11	-0.89	0.00	0.3264E+06	0.1061E+06	4143.00	78.96
110.00	0.8426E+000.2629E-02		430.88	0.1538E+02	0.97	4.23	-0.95	0.00	0.2814E+06	0.1099E+06	4293.00	80.70
112.00	0.8130E+000.2369E-02		453.63	0.1303E+02	1.01	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	82.36
114.00	0.8260E+000.2289E-02		471.20	0.1105E+02	1.12	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	84.00
116.00	0.7006E+000.1876E-02		483.91	0.9396E+01	1.05	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	85.52
118.00	0.5968E+000.1551E-02		495.09	0.8016E+01	1.00	4.50	0.16	0.00	0.1470E+06	0.1252E+06	4665.00	86.82
120.00	0.5360E+000.1359E-02		504.83	0.6865E+01	1.00	4.52	-0.03	0.00	0.1244E+06	0.1290E+06	4715.00	87.96
122.00	0.4904E+000.1219E-02		512.86	0.5902E+01	1.02	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	88.98
124.00	0.4869E+000.1188E-02		520.39	0.5095E+01	1.13	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	89.96
126.00	0.4627E+000.1107E-02		528.48	0.4415E+01	1.19	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	90.91

SUMMARY TABLE FOR BODY POINT 1049
XB= 534.0 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2238E+000.1652E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.12
15.00	0.3734E+000.2560E-01		124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.61
20.00	0.5223E+000.3300E-01		126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	4.85
25.00	0.6631E+000.3891E-01		127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	7.81
30.00	0.8000E+000.4336E-01		128.85	0.1498E+04	1.00	0.65	-0.34	0.00	0.3401E+07	0.9582E+04	709.40	11.47
35.00	0.8493E+000.4461E-01		129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	15.60
40.00	0.8934E+000.4482E-01		130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	19.95
45.00	0.8766E+000.4330E-01		130.64	0.9490E+03	0.99	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	24.38
50.00	0.7735E+000.3848E-01		130.50	0.7859E+03	0.95	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	28.50
55.00	0.6874E+000.3360E-01		130.86	0.6387E+03	0.90	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	32.16
60.00	0.6425E+000.2869E-01		132.80	0.5094E+03	0.86	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	35.48
62.00	0.6496E+000.2669E-01		134.74	0.4624E+03	0.84	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	36.77
64.00	0.6668E+000.2481E-01		137.27	0.4179E+03	0.82	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	38.09
66.00	0.7001E+000.2291E-01		140.96	0.3759E+03	0.80	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	39.46
68.00	0.7319E+000.2104E-01		145.18	0.3367E+03	0.78	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	40.89
70.00	0.7612E+000.1924E-01		149.95	0.3001E+03	0.76	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	42.38
72.00	0.7857E+000.1750E-01		155.30	0.2663E+03	0.74	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	43.93
74.00	0.8081E+000.1585E-01		161.39	0.2352E+03	0.73	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	45.52
76.00	0.8316E+000.1424E-01		168.80	0.2068E+03	0.71	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	47.16
78.00	0.8447E+000.1278E-01		176.52	0.1812E+03	0.69	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	48.84
80.00	0.8522E+000.1129E-01		185.90	0.1580E+03	0.68	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	50.53
82.00	0.8547E+000.1002E-01		195.67	0.1377E+03	0.66	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	52.24
84.00	0.8627E+000.8973E-02		206.54	0.1195E+03	0.66	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	53.96
86.00	0.8692E+000.8065E-02		218.18	0.1034E+03	0.66	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	55.69
88.00	0.8711E+000.7240E-02		230.71	0.8905E+02	0.66	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	57.43
90.00	0.8513E+000.6374E-02		243.95	0.7657E+02	0.65	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	59.15
92.00	0.8712E+000.5911E-02		257.80	0.6573E+02	0.68	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	60.88
94.00	0.8936E+000.5511E-02		272.54	0.5651E+02	0.71	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	62.64
96.00	0.9045E+000.5087E-02		288.20	0.4834E+02	0.74	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	64.44
98.00	0.8760E+000.4501E-02		305.04	0.4124E+02	0.74	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	66.22
100.00	0.9019E+000.4226E-02		323.80	0.3504E+02	0.79	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	68.00
102.00	0.8637E+000.3716E-02		342.81	0.2977E+02	0.80	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	69.76
104.00	0.8512E+000.3364E-02		363.41	0.2527E+02	0.83	3.86	-0.82	0.00	0.4373E+06	0.9864E+05	3850.00	71.48
106.00	0.8370E+000.3051E-02		384.72	0.2143E+02	0.86	3.98	-0.84	0.00	0.3779E+06	0.1023E+06	3995.00	73.17
108.00	0.7930E+000.2670E-02		407.35	0.1816E+02	0.86	4.11	-0.89	0.00	0.3264E+06	0.1061E+06	4143.00	74.80
110.00	0.7426E+000.2317E-02		430.88	0.1538E+02	0.86	4.23	-0.95	0.00	0.2814E+06	0.1099E+06	4293.00	76.33
112.00	0.7606E+000.2216E-02		453.63	0.1303E+02	0.95	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	77.83
114.00	0.7310E+000.2026E-02		471.20	0.1105E+02	1.00	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	79.33
116.00	0.6483E+000.1736E-02		483.91	0.9396E+01	0.98	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	80.71
118.00	0.5526E+000.1437E-02		495.09	0.8016E+01	0.93	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	81.91
120.00	0.4794E+000.1215E-02		504.83	0.6865E+01	0.90	4.52	1.44	0.00	0.1244E+06	0.1290E+06	4715.00	82.94
122.00	0.4606E+000.1144E-02		512.86	0.5902E+01	0.97	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	83.88
124.00	0.4425E+000.1079E-02		520.39	0.5095E+01	1.03	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	84.78
126.00	0.4146E+000.9916E-03		528.48	0.4415E+01	1.07	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	85.64

SUMMARY TABLE FOR BODY POINT 1050
XB= 553.4 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2219E+000.1638E-01	123.94	123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.11
15.00	0.3703E+000.2539E-01	124.99	124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.59
20.00	0.5181E+000.3273E-01	126.23	126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	4.81
25.00	0.6577E+000.3960E-01	127.44	127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	7.75
30.00	0.7937E+000.4301E-01	128.85	128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	11.38
35.00	0.8425E+000.4426E-01	129.44	129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	15.47
40.00	0.8863E+000.4447E-01	130.33	130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	19.79
45.00	0.8683E+000.4289E-01	130.64	130.64	0.9490E+03	0.99	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	24.18
50.00	0.7590E+000.3776E-01	130.50	130.50	0.7859E+03	0.93	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	28.25
55.00	0.6687E+000.3269E-01	130.86	130.86	0.6387E+03	0.88	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	31.82
60.00	0.6217E+000.2776E-01	132.80	132.80	0.5094E+03	0.83	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	35.04
62.00	0.6287E+000.2583E-01	134.74	134.74	0.4624E+03	0.82	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	36.29
64.00	0.6454E+000.2402E-01	137.27	137.27	0.4179E+03	0.80	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	37.57
66.00	0.6785E+000.2220E-01	140.96	140.96	0.3759E+03	0.78	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	38.89
68.00	0.7114E+000.2046E-01	145.18	145.18	0.3367E+03	0.76	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	40.28
70.00	0.7429E+000.1878E-01	149.95	149.95	0.3001E+03	0.75	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	41.73
72.00	0.7708E+000.1717E-01	155.30	155.30	0.2663E+03	0.74	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	43.25
74.00	0.7971E+000.1563E-01	161.39	161.39	0.2352E+03	0.72	2.10	0.05	0.00	0.2515E+07	0.5153E+05	1999.00	44.82
76.00	0.8152E+000.1396E-01	168.80	168.80	0.2068E+03	0.70	2.21	-0.28	0.00	0.2341E+07	0.5413E+05	2100.00	46.43
78.00	0.8326E+000.1259E-01	176.52	176.52	0.1812E+03	0.69	2.32	0.16	0.00	0.2152E+07	0.5681E+05	2206.00	48.08
80.00	0.8496E+000.1125E-01	185.90	185.90	0.1580E+03	0.68	2.42	-0.05	0.00	0.1941E+07	0.5957E+05	2313.00	49.76
82.00	0.8519E+000.9992E-02	195.67	195.67	0.1377E+03	0.66	2.53	0.12	0.00	0.1755E+07	0.6241E+05	2423.00	51.46
84.00	0.8440E+000.8779E-02	206.54	206.54	0.1195E+03	0.65	2.64	-0.34	0.00	0.1574E+07	0.6532E+05	2539.00	53.16
86.00	0.8454E+000.7843E-02	218.18	218.18	0.1034E+03	0.64	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	54.85
88.00	0.8452E+000.7025E-02	230.71	230.71	0.8905E+02	0.64	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	56.54
90.00	0.8244E+000.6173E-02	243.95	243.95	0.7657E+02	0.63	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	58.21
92.00	0.8300E+000.5631E-02	257.80	257.80	0.6573E+02	0.65	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	59.86
94.00	0.8378E+000.5167E-02	272.54	272.54	0.5651E+02	0.67	3.22	-1.62	-4.94	0.8583E+06	0.8108E+05	3154.00	61.53
96.00	0.8362E+000.4703E-02	288.20	288.20	0.4834E+02	0.69	3.35	-1.62	0.00	0.7572E+06	0.8446E+05	3286.00	63.20
98.00	0.8310E+000.4269E-02	305.04	305.04	0.4124E+02	0.71	3.47	-0.85	0.00	0.6682E+06	0.8791E+05	3422.00	64.87
100.00	0.8354E+000.3914E-02	323.80	323.80	0.3504E+02	0.74	3.61	-0.83	0.00	0.5826E+06	0.9142E+05	3566.00	66.54
102.00	0.8282E+000.3564E-02	342.81	342.81	0.2977E+02	0.77	3.73	-0.82	0.00	0.5054E+06	0.9500E+05	3705.00	68.20
104.00	0.8180E+000.3233E-02	363.41	363.41	0.2527E+02	0.80	3.86	-0.82	0.00	0.4373E+06	0.9864E+05	3850.00	69.85
106.00	0.8015E+000.2922E-02	384.72	384.72	0.2143E+02	0.83	3.98	-0.84	0.00	0.3779E+06	0.1023E+06	3995.00	71.46
108.00	0.7598E+000.2559E-02	407.35	407.35	0.1816E+02	0.84	4.11	-0.89	0.00	0.3264E+06	0.1061E+06	4143.00	73.03
110.00	0.7126E+000.2224E-02	430.88	430.88	0.1538E+02	0.83	4.23	-0.95	0.00	0.2814E+06	0.1099E+06	4293.00	74.50
112.00	0.6652E+000.1938E-02	453.63	453.63	0.1303E+02	0.84	4.35	-0.81	0.00	0.2416E+06	0.1137E+06	4432.00	75.88
114.00	0.6113E+000.1694E-02	471.20	471.20	0.1105E+02	0.84	4.42	-0.51	0.00	0.2055E+06	0.1176E+06	4535.00	77.15
116.00	0.5557E+000.1488E-02	483.91	483.91	0.9396E+01	0.85	4.47	-0.05	0.00	0.1738E+06	0.1214E+06	4605.00	78.32
118.00	0.4983E+000.1295E-02	495.09	495.09	0.8016E+01	0.85	4.50	0.16	0.00	0.1470E+06	0.1252E+06	4665.00	79.37
120.00	0.4483E+000.1137E-02	504.83	504.83	0.6865E+01	0.85	4.52	-0.03	0.00	0.1244E+06	0.1290E+06	4715.00	80.32
122.00	0.4008E+000.9959E-03	512.86	512.86	0.5902E+01	0.85	4.52	-0.14	0.00	0.1054E+06	0.1327E+06	4754.00	81.17
124.00	0.3591E+000.8759E-03	520.39	520.39	0.5035E+01	0.85	4.53	0.27	0.00	0.0895E+05	0.1364E+06	4790.00	81.93
126.00	0.3247E+000.7765E-03	528.48	528.48	0.4415E+01	0.85	4.54	-0.19	0.00	0.0766E+05	0.1400E+06	4829.00	82.61

SUMMARY TABLE FOR BODY POINT 1065
XB= 399.0 THETAB= 135.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2403E+000.1774E-01		123.94	0.2027E+04	1.00	0.16	0.11	-0.29	0.1126E+07	0.1350E+04	183.10	1.20
15.00	0.4000E+000.2742E-01		124.99	0.1921E+04	1.00	0.27	1.36	-1.62	0.1788E+07	0.2823E+04	306.30	2.80
20.00	0.5589E+000.3531E-01		126.23	0.1821E+04	1.00	0.39	2.61	-2.94	0.2391E+07	0.4296E+04	429.50	5.20
25.00	0.7089E+000.4160E-01		127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	8.37
30.00	0.8550E+000.4633E-01		128.85	0.1498E+04	1.00	0.65	-3.24	1.81	0.3401E+07	0.9582E+04	709.40	12.28
35.00	0.9074E+000.4767E-01		129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	16.68
40.00	0.9543E+000.4789E-01		130.33	0.1127E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	21.34
45.00	0.9407E+000.4647E-01		130.64	0.9490E+03	1.00	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	26.08
50.00	0.8493E+000.4225E-01		130.50	0.7859E+03	0.97	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	30.55
55.00	0.7730E+000.3779E-01		130.86	0.6387E+03	0.95	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	34.61
60.00	0.7449E+000.3326E-01		132.80	0.5094E+03	0.93	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	38.40
62.00	0.7647E+000.3142E-01		134.74	0.4624E+03	0.92	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	39.91
64.00	0.7976E+000.2968E-01		137.27	0.4179E+03	0.91	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	41.47
66.00	0.8529E+000.2791E-01		140.96	0.3759E+03	0.91	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	43.12
68.00	0.9084E+000.2612E-01		145.18	0.3367E+03	0.90	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	44.89
70.00	0.9630E+000.2435E-01		149.95	0.3001E+03	0.90	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	46.76
72.00	0.1015E+010.2260E-01		155.30	0.2663E+03	0.90	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	48.73
74.00	0.1069E+010.2097E-01		161.39	0.2352E+03	0.90	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	50.82
76.00	0.1125E+010.1926E-01		168.80	0.2068E+03	0.90	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	53.01
78.00	0.1172E+010.1773E-01		176.52	0.1812E+03	0.90	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2206.00	55.31
80.00	0.1224E+010.1622E-01		185.90	0.1580E+03	0.91	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	57.70
82.00	0.1262E+010.1480E-01		195.67	0.1377E+03	0.91	2.53	0.41	-3.46	0.1755E+07	0.6241E+05	2423.00	60.19
84.00	0.1289E+010.1341E-01		206.54	0.1195E+03	0.91	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	62.74
86.00	0.1307E+010.1213E-01		218.18	0.1034E+03	0.92	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	65.34
88.00	0.1322E+010.1099E-01		230.71	0.8905E+02	0.93	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	67.97
90.00	0.1306E+010.9778E-02		243.95	0.7657E+02	0.93	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	70.60
92.00	0.1361E+010.9236E-02		257.80	0.6573E+02	0.99	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	73.26
94.00	0.1439E+010.8873E-02		272.54	0.5651E+02	1.06	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	76.06
96.00	0.1503E+010.8453E-02		288.20	0.4834E+02	1.14	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	79.01
98.00	0.1553E+010.7977E-02		305.04	0.4124E+02	1.22	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	82.06
100.00	0.1647E+010.7603E-02		323.80	0.3504E+02	1.33	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	85.24
102.00	0.1631E+010.6445E-02		363.41	0.2977E+02	1.41	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	88.51
104.00	0.1619E+010.5901E-02		384.72	0.2143E+02	1.55	3.86	-0.84	-3.62	0.4373E+06	0.9864E+05	3850.00	91.78
106.00	0.1538E+010.5180E-02		407.35	0.1816E+02	1.56	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	3995.00	95.03
108.00	0.1452E+010.4532E-02		430.88	0.1538E+02	1.56	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4143.00	98.19
110.00	0.1436E+010.4184E-02		453.63	0.1303E+02	1.66	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4293.00	101.18
112.00	0.1400E+010.3880E-02		471.20	0.1105E+02	1.77	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4432.00	104.07
114.00	0.1240E+010.328E-02		483.91	0.9396E+01	1.74	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4535.00	106.90
116.00	0.1124E+010.2922E-02		495.09	0.8016E+01	1.75	4.50	0.74	-4.93	0.1470E+06	0.1252E+06	4605.00	109.55
118.00	0.1019E+010.2583E-02		504.83	0.6865E+01	1.77	4.52	1.44	-4.49	0.1244E+06	0.1290E+06	4665.00	111.91
120.00	0.9315E+000.2314E-02		512.86	0.5902E+01	1.80	4.52	1.53	-5.14	0.1054E+06	0.1327E+06	4715.00	114.06
122.00	0.8525E+000.2079E-02		520.39	0.5095E+01	1.84	4.53	1.18	-6.11	0.8965E+05	0.1364E+06	4754.00	116.01
124.00	0.7685E+000.1838E-02		528.48	0.4415E+01	1.83	4.54	0.74	-6.47	0.7667E+05	0.1400E+06	4790.00	117.79
126.00											4829.00	119.41

SUMMARY TABLE FOR BODY POINT 1290
XB= 407.7 THETAB= 76.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	H1/H1'	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2392E+000	1766E-01	123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.20
15.00	0.3982E+000	2730E-01	124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.79
20.00	0.5565E+000	3516E-01	126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	5.18
25.00	0.7059E+000	4142E-01	127.44	0.1653E+04	1.00	0.51	-0.32	-2.38	0.2933E+07	0.6939E+04	569.50	8.33
30.00	0.8513E+000	4613E-01	128.85	0.1498E+04	1.00	0.65	-3.24	-1.81	0.3401E+07	0.9582E+04	709.40	12.22
35.00	0.9036E+000	4747E-01	129.44	0.1302E+04	1.00	0.77	-3.02	-1.41	0.3647E+07	0.1330E+05	837.30	16.61
40.00	0.9506E+000	4769E-01	130.33	0.1129E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	21.25
45.00	0.9519E+000	4691E-01	130.69	0.9629E+03	1.01	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	26.00
50.00	0.9327E+000	4640E-01	130.50	0.7859E+03	1.07	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	30.72
55.00	0.9229E+000	4511E-01	130.86	0.6387E+03	1.14	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	35.35
60.00	0.9624E+000	4297E-01	132.80	0.5094E+03	1.20	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	40.07
62.00	0.1014E+010	4168E-01	134.74	0.4624E+03	1.23	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	42.04
64.00	0.1089E+010	4053E-01	137.27	0.4179E+03	1.25	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	44.15
66.00	0.1199E+010	3923E-01	140.96	0.3759E+03	1.28	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	46.44
68.00	0.1313E+010	3774E-01	145.18	0.3367E+03	1.31	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	48.95
70.00	0.1435E+010	3627E-01	149.95	0.3001E+03	1.35	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	51.69
72.00	0.1559E+010	3472E-01	155.30	0.2663E+03	1.39	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	54.69
74.00	0.1697E+010	3328E-01	161.39	0.2352E+03	1.43	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	57.94
76.00	0.1855E+010	3177E-01	168.80	0.2068E+03	1.49	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	61.50
78.00	0.2011E+010	3041E-01	176.52	0.1812E+03	1.55	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	65.36
80.00	0.2186E+010	2896E-01	185.90	0.1580E+03	1.62	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	69.56
82.00	0.2365E+010	2773E-01	195.67	0.1377E+03	1.71	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	74.11
84.00	0.2560E+010	2663E-01	206.54	0.1195E+03	1.82	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	79.04
86.00	0.2763E+010	2564E-01	218.18	0.1034E+03	1.96	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	84.36
88.00	0.2943E+010	2446E-01	230.71	0.8905E+02	2.08	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	90.07
90.00	0.2991E+010	2399E-01	243.95	0.7657E+02	2.14	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	96.00
92.00	0.2886E+010	1958E-01	257.80	0.6573E+02	2.10	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	101.88
94.00	0.2351E+010	1707E-01	272.54	0.5651E+02	2.06	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	107.53
96.00	0.2630E+010	1479E-01	288.20	0.4834E+02	2.01	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	112.93
98.00	0.2442E+010	1255E-01	305.04	0.4124E+02	1.94	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	118.00
100.00	0.2351E+010	1102E-01	323.80	0.3504E+02	1.94	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	122.79
102.00	0.2183E+010	9393E-02	342.81	0.2977E+02	1.88	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	127.33
104.00	0.1924E+010	7606E-02	363.41	0.2527E+02	1.75	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	131.43
106.00	0.1730E+010	6306E-02	384.72	0.2143E+02	1.66	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	135.09
108.00	0.1620E+010	5455E-02	407.35	0.1816E+02	1.65	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	138.44
110.00	0.1549E+010	4833E-02	430.88	0.1538E+02	1.68	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	141.61
112.00	0.1646E+010	4795E-02	453.63	0.1303E+02	1.91	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	144.80
114.00	0.1624E+010	4501E-02	471.20	0.1105E+02	2.06	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	148.07
116.00	0.1414E+010	3786E-02	483.91	0.9396E+01	1.99	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	151.11
118.00	0.1241E+010	3227E-02	495.09	0.8016E+01	1.94	4.50	0.16	-4.93	0.1470E+06	0.1252E+06	4665.00	153.76
120.00	0.1081E+010	2742E-02	504.83	0.6865E+01	1.89	4.52	-0.03	-4.49	0.1244E+06	0.1290E+06	4715.00	156.09
122.00	0.1006E+010	2500E-02	512.86	0.5902E+01	1.96	4.52	-0.14	-5.14	0.1054E+06	0.1327E+06	4754.00	158.17
124.00	0.9325E+000	2274E-02	520.39	0.5095E+01	2.02	4.53	0.27	-6.11	0.0896E+05	0.1364E+06	4790.00	160.11
126.00	0.8512E+000	2036E-02	528.48	0.4415E+01	2.04	4.54	-0.19	-6.47	0.0766E+05	0.1400E+06	4829.00	161.90

SUMMARY TABLE FOR BODY POINT 1291
XB= 419.8 THETAB= 76.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2377E+000.1755E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.19
15.00	0.3958E+000.2713E-01		124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.77
20.00	0.5531E+000.3494E-01		126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	5.14
25.00	0.7017E+000.4117E-01		127.44	0.1653E+04	1.00	0.51	-0.32	-2.38	0.2933E+07	0.6939E+04	569.50	8.28
30.00	0.8463E+000.4586E-01		128.85	0.1498E+04	1.00	0.65	-3.24	-1.81	0.3401E+07	0.9582E+04	709.40	12.15
35.00	0.8982E+000.4719E-01		129.44	0.1302E+04	1.00	0.77	-3.02	-1.41	0.3647E+07	0.1330E+05	837.30	16.51
40.00	0.9450E+000.4740E-01		130.33	0.1129E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	21.12
45.00	0.9509E+000.4686E-01		130.69	0.9629E+03	1.01	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	25.86
50.00	0.9358E+000.4655E-01		130.50	0.7859E+03	1.08	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	30.58
55.00	0.9311E+000.4552E-01		130.86	0.6387E+03	1.15	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	35.24
60.00	0.9787E+000.4370E-01		132.80	0.5094E+03	1.23	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	40.02
62.00	0.1039E+010.4271E-01		134.74	0.4624E+03	1.26	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	42.04
64.00	0.1126E+010.4186E-01		137.30	0.4215E+03	1.30	1.62	-3.57	0.00	0.3282E+07	0.3975E+05	1569.00	44.20
66.00	0.1244E+010.4068E-01		140.99	0.3793E+03	1.33	1.71	-3.35	0.00	0.3151E+07	0.4195E+05	1647.00	46.57
68.00	0.1368E+010.3930E-01		145.21	0.3393E+03	1.37	1.80	-3.23	0.00	0.3003E+07	0.4423E+05	1729.00	49.18
70.00	0.1493E+010.3772E-01		149.98	0.3029E+03	1.40	1.89	-3.01	0.00	0.2845E+07	0.4658E+05	1814.00	52.05
72.00	0.1617E+010.3601E-01		155.30	0.2663E+03	1.45	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	55.16
74.00	0.1746E+010.3424E-01		161.39	0.2352E+03	1.48	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	58.52
76.00	0.1886E+010.3230E-01		168.80	0.2068E+03	1.52	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	62.15
78.00	0.2009E+010.3038E-01		176.52	0.1812E+03	1.56	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	66.05
80.00	0.2122E+010.2811E-01		185.90	0.1580E+03	1.59	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	70.18
82.00	0.2229E+010.2614E-01		195.67	0.1375E+03	1.63	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	74.53
84.00	0.2337E+010.2431E-01		206.54	0.1195E+03	1.68	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	79.09
86.00	0.2429E+010.2253E-01		218.18	0.1034E+03	1.73	2.75	-1.27	-4.60	0.1402E+07	0.7139E+05	2656.00	83.86
88.00	0.2502E+010.2079E-01		230.71	0.8905E+02	1.78	2.87	-1.57	-5.13	0.1244E+07	0.7777E+05	2777.00	88.79
90.00	0.2532E+010.1896E-01		243.95	0.7657E+02	1.82	2.98	-1.62	-5.10	0.1100E+07	0.8454E+05	2901.00	93.82
92.00	0.2600E+010.1764E-01		257.80	0.6573E+02	1.90	3.10	-1.64	-5.00	0.9720E+06	0.9108E+05	3025.00	98.96
94.00	0.2659E+010.1640E-01		272.54	0.5651E+02	1.99	3.22	-1.63	-4.94	0.8583E+06	0.9846E+05	3154.00	104.21
96.00	0.2679E+010.1507E-01		288.20	0.4834E+02	2.06	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	109.55
98.00	0.2540E+010.1304E-01		305.10	0.4177E+02	2.01	3.47	-1.59	0.00	0.6662E+06	0.8791E+05	3422.00	114.77
100.00	0.2625E+010.1230E-01		323.80	0.3504E+02	2.17	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	119.94
102.00	0.2496E+010.1074E-01		342.88	0.3020E+02	2.15	3.73	-1.57	0.00	0.5054E+06	0.9500E+05	3705.00	125.06
104.00	0.2455E+010.9693E-02		363.50	0.2567E+02	2.22	3.86	-1.61	0.00	0.4373E+06	0.9864E+05	3850.00	130.01
106.00	0.2395E+010.8723E-02		384.81	0.2180E+02	2.29	3.98	-1.63	0.00	0.3779E+06	0.1023E+06	3995.00	134.86
108.00	0.2274E+010.7655E-02		407.45	0.1849E+02	2.30	4.11	-1.65	0.00	0.3264E+06	0.1061E+06	4143.00	139.53
110.00	0.2141E+010.6673E-02		430.99	0.1568E+02	2.30	4.23	-1.70	-5.24	0.2814E+06	0.1099E+06	4293.00	143.94
112.00	0.2027E+010.5581E-02		471.20	0.1105E+02	2.58	4.42	-0.51	-6.99	0.2416E+06	0.1137E+06	4432.00	148.36
114.00	0.2014E+010.5025E-02		483.91	0.9396E+01	2.66	4.47	-0.05	-5.59	0.2055E+06	0.1176E+06	4535.00	152.64
116.00	0.1877E+010.5025E-02		495.09	0.8016E+01	2.62	4.50	0.16	-4.93	0.1470E+06	0.1252E+06	4665.00	156.53
118.00	0.1664E+010.4323E-02		504.95	0.6997E+01	2.69	4.52	-1.50	0.00	0.1244E+06	0.1290E+06	4715.00	160.07
120.00	0.1320E+010.3347E-02		512.86	0.5902E+01	2.69	4.52	-0.14	-5.14	0.1054E+06	0.1327E+06	4754.00	163.06
122.00	0.1371E+010.3407E-02		520.39	0.5095E+01	2.62	4.53	-0.64	-6.11	0.8965E+05	0.1364E+06	4790.00	165.75
124.00	0.1202E+010.2931E-02		528.48	0.4415E+01	2.61	4.54	-0.19	-6.47	0.7667E+05	0.1400E+06	4829.00	168.32
126.00	0.1080E+010.2583E-02											170.60

SUMMARY TABLE FOR BODY POINT 1292
XB= 431.9 THETAB= 76.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2361E+000.1743E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.18
15.00	0.3933E+000.2697E-01		124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.75
20.00	0.5498E+000.3473E-01		126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	5.11
25.00	0.6975E+000.4093E-01		127.44	0.1653E+04	1.00	0.51	-0.32	-2.38	0.2933E+07	0.6939E+04	569.50	8.23
30.00	0.8412E+000.4559E-01		128.85	0.1498E+04	1.00	0.65	-3.24	-1.81	0.3401E+07	0.9582E+04	709.40	12.08
35.00	0.8929E+000.4691E-01		129.44	0.1302E+04	1.00	0.77	-3.02	-1.41	0.3647E+07	0.1330E+05	837.30	16.41
40.00	0.9344E+000.4712E-01		130.33	0.1129E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	20.99
45.00	0.9456E+000.4660E-01		130.69	0.9629E+03	1.01	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	25.71
50.00	0.9459E+000.4705E-01		130.50	0.7859E+03	1.10	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	30.43
55.00	0.9540E+000.4663E-01		130.86	0.6387E+03	1.19	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	35.18
60.00	0.1016E+010.4536E-01		132.80	0.5094E+03	1.29	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	40.11
62.00	0.1084E+010.4454E-01		134.74	0.4624E+03	1.33	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	42.21
64.00	0.1178E+010.4384E-01		137.27	0.4179E+03	1.37	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	44.47
66.00	0.1309E+010.4282E-01		140.96	0.3759E+03	1.42	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	46.96
68.00	0.1447E+010.4159E-01		145.18	0.3367E+03	1.46	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	49.71
70.00	0.1587E+010.4013E-01		149.95	0.3001E+03	1.51	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	52.75
72.00	0.1728E+010.3848E-01		155.30	0.2663E+03	1.55	1.99	-2.69	-1.94	0.2515E+07	0.4902E+05	1904.00	56.06
74.00	0.1873E+010.3674E-01		161.39	0.2352E+03	1.60	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	59.66
76.00	0.2032E+010.3480E-01		168.80	0.2068E+03	1.65	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	63.57
78.00	0.2170E+010.3282E-01		176.52	0.1812E+03	1.72	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	67.77
80.00	0.2292E+010.3036E-01		185.90	0.1580E+03	1.77	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	72.23
82.00	0.2413E+010.2830E-01		195.67	0.1377E+03	1.84	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	76.94
84.00	0.2547E+010.2650E-01		206.54	0.1195E+03	1.91	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	81.90
86.00	0.2668E+010.2475E-01		218.18	0.1034E+03	1.99	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	87.11
88.00	0.2771E+010.2303E-01		230.71	0.8905E+02	2.04	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	92.55
90.00	0.2817E+010.2109E-01		243.95	0.7657E+02	2.24	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	98.14
92.00	0.3038E+010.2061E-01		257.80	0.6573E+02	2.49	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	104.00
94.00	0.3306E+010.2039E-01		272.54	0.5651E+02	2.76	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	110.34
96.00	0.3560E+010.2002E-01		288.20	0.4834E+02	3.02	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	117.20
98.00	0.3766E+010.1935E-01		305.04	0.4124E+02	3.37	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	124.53
100.00	0.4045E+010.1896E-01		323.80	0.3504E+02	3.66	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	132.34
102.00	0.4191E+010.1803E-01		342.81	0.2977E+02	3.84	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	140.58
104.00	0.4180E+010.1652E-01		363.41	0.2527E+02	4.06	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	148.95
106.00	0.4173E+010.1521E-01		384.72	0.2143E+02	4.23	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	3995.00	157.30
108.00	0.3978E+010.1340E-01		407.35	0.1816E+02	4.41	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	165.45
110.00	0.3796E+010.1185E-01		430.88	0.1538E+02	4.59	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	173.23
112.00	0.3896E+010.1135E-01		453.63	0.1303E+02	4.77	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	180.92
114.00	0.3870E+010.1073E-01		471.20	0.1105E+02	4.98	4.47	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	188.68
116.00	0.3293E+010.8817E-02		483.91	0.9396E+01	4.70	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	195.85
118.00	0.2846E+010.7399E-02		495.09	0.8016E+01	4.52	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	201.99
120.00	0.2493E+010.6320E-02		504.83	0.6865E+01	4.41	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	207.33
122.00	0.2327E+010.5783E-02		512.86	0.5902E+01	4.59	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	212.15
124.00	0.2231E+010.5441E-02		520.39	0.5095E+01	4.90	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	216.70
126.00	0.2082E+010.4979E-02		528.48	0.4415E+01	5.06	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	221.02

SUMMARY TABLE FOR BODY POINT 1345
XB= 399.0 THETAB= 270.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2403E+000.1774E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	1.20
15.00	0.4000E+000.2742E-01		124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.80
20.00	0.5589E+000.3531E-01		126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	5.20
25.00	0.7089E+000.4160E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	8.37
30.00	0.8550E+000.4633E-01		128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	12.28
35.00	0.9074E+000.4767E-01		129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	16.68
40.00	0.9546E+000.4789E-01		130.33	0.1128E+04	1.00	0.90	-2.79	-2.02	0.3827E+07	0.1702E+05	965.30	21.34
45.00	0.9483E+000.4677E-01		130.68	0.9584E+03	1.00	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	26.10
50.00	0.8732E+000.4343E-01		130.50	0.7859E+03	1.00	1.15	-4.41	0.00	0.3759E+07	0.2584E+05	1183.00	30.65
55.00	0.8128E+000.3973E-01		130.86	0.6387E+03	1.00	1.29	-4.15	0.00	0.3657E+07	0.3059E+05	1301.00	34.87
60.00	0.7984E+000.3565E-01		132.80	0.5094E+03	0.99	1.46	-3.78	0.00	0.3496E+07	0.3556E+05	1435.00	38.89
62.00	0.8254E+000.3391E-01		134.74	0.4624E+03	0.99	1.53	-3.61	0.00	0.3395E+07	0.3763E+05	1497.00	40.52
64.00	0.8726E+000.3241E-01		137.33	0.4255E+03	0.99	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	42.21
66.00	0.9360E+000.3057E-01		141.02	0.3835E+03	0.98	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	44.02
68.00	0.9997E+000.2869E-01		145.24	0.3440E+03	0.98	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	45.96
70.00	0.1060E+010.2675E-01		150.03	0.3074E+03	0.98	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	48.02
72.00	0.1115E+010.2483E-01		155.30	0.2663E+03	0.99	1.99	-2.69	0.00	0.2681E+07	0.4902E+05	1904.00	50.19
74.00	0.1171E+010.2297E-01		161.39	0.2352E+03	0.98	2.10	-2.41	0.00	0.2515E+07	0.5153E+05	1999.00	52.48
76.00	0.1231E+010.2108E-01		168.80	0.2068E+03	0.98	2.21	-2.14	0.00	0.2341E+07	0.5413E+05	2100.00	54.88
78.00	0.1278E+010.1933E-01		176.52	0.1812E+03	0.98	2.32	-1.73	0.00	0.2152E+07	0.5681E+05	2206.00	57.39
80.00	0.1321E+010.1750E-01		185.90	0.1580E+03	0.98	2.42	-1.04	0.00	0.1941E+07	0.5957E+05	2313.00	59.99
82.00	0.1350E+010.1584E-01		195.67	0.1377E+03	0.97	2.53	-0.76	0.00	0.1755E+07	0.6241E+05	2423.00	62.66
84.00	0.1373E+010.1429E-01		206.54	0.1195E+03	0.97	2.64	-0.98	0.00	0.1574E+07	0.6532E+05	2539.00	65.38
86.00	0.1383E+010.1283E-01		218.18	0.1034E+03	0.97	2.75	-1.27	0.00	0.1402E+07	0.6831E+05	2656.00	68.14
88.00	0.1383E+010.1150E-01		230.71	0.8905E+02	0.97	2.87	-1.57	0.00	0.1244E+07	0.7139E+05	2777.00	70.91
90.00	0.1369E+010.1025E-01		243.95	0.7657E+02	0.97	2.98	-1.62	0.00	0.1100E+07	0.7454E+05	2901.00	73.66
92.00	0.1338E+010.9077E-02		257.80	0.6573E+02	0.97	3.10	-1.64	0.00	0.9720E+06	0.7777E+05	3025.00	76.37
94.00	0.1325E+010.8124E-02		273.45	0.6787E+02	0.87	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	79.03
96.00	0.1335E+010.7466E-02		289.17	0.5850E+02	0.89	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	81.69
98.00	0.1323E+010.6764E-02		305.98	0.4948E+02	0.92	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	84.35
100.00	0.1331E+010.6207E-02		324.90	0.4305E+02	0.95	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	87.00
102.00	0.1298E+010.5560E-02		343.91	0.3653E+02	0.97	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	89.63
104.00	0.1200E+010.4725E-02		364.29	0.2956E+02	0.97	3.86	-1.63	-3.09	0.3779E+06	0.1023E+06	3850.00	92.13
106.00	0.1111E+010.4038E-02		385.46	0.2435E+02	0.97	3.98	-1.63	-3.03	0.3264E+06	0.1061E+06	3995.00	94.44
108.00	0.1049E+010.3525E-02		408.13	0.2068E+02	0.97	4.11	-1.65	-3.03	0.2814E+06	0.1099E+06	4143.00	96.60
110.00	0.1014E+010.3156E-02		431.83	0.1800E+02	0.98	4.23	-1.70	-3.30	0.2416E+06	0.1137E+06	4293.00	98.66
112.00	0.1114E+010.3218E-02		455.53	0.1773E+02	1.04	4.35	-1.59	-5.24	0.2055E+06	0.1176E+06	4432.00	100.79
114.00	0.1145E+010.3147E-02		474.14	0.1754E+02	1.05	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	103.04
116.00	0.9438E+000.2512E-02		486.15	0.1326E+02	1.04	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	105.13
118.00	0.8160E+000.2110E-02		497.06	0.1083E+02	1.03	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	106.89
120.00	0.7055E+000.1781E-02		506.60	0.8984E+01	1.02	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	108.41
122.00	0.6578E+000.1651E-02		514.99	0.8116E+01	1.04	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	109.79
124.00	0.6394E+000.1549E-02		523.10	0.7536E+01	1.05	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	111.09
126.00	0.5961E+000.1416E-02		531.54	0.6780E+01	1.06	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	112.33

SUMMARY TABLE FOR BODY POINT 1346
XB= 435.4 THETAB= 277.0

TRAJ. TIME (SEC)	DESIGN HTG RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	LOAD
10.00	0.2357E+000.1740E-01	123.94	0.2027E+04	0.16	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	1.18
15.00	0.3926E+000.2692E-01	124.99	0.1921E+04	0.27	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.75
20.00	0.5488E+000.3467E-01	126.23	0.1821E+04	0.39	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	5.10
25.00	0.6963E+000.4086E-01	127.44	0.1653E+04	0.51	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	8.22
30.00	0.8398E+000.4551E-01	128.85	0.1498E+04	0.65	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	12.06
35.00	0.8914E+000.4683E-01	129.44	0.1302E+04	0.77	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	16.38
40.00	0.9377E+000.4704E-01	130.33	0.1129E+04	0.90	1.00	0.90	-3.48	-2.02	0.3827E+07	0.1702E+05	965.30	20.96
45.00	0.9236E+000.4553E-01	130.69	0.9607E+03	0.99	1.02	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	25.61
50.00	0.8008E+000.3992E-01	130.46	0.7876E+03	0.93	1.15	1.15	-2.76	0.00	0.3759E+07	0.2584E+05	1183.00	29.92
55.00	0.7098E+000.3518E-01	130.57	0.6507E+03	0.89	1.29	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	33.70
60.00	0.6656E+000.3008E-01	132.53	0.5208E+03	0.84	1.46	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	37.14
62.00	0.6736E+000.2796E-01	134.49	0.4718E+03	0.82	1.53	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	38.48
64.00	0.6994E+000.2596E-01	137.34	0.4273E+03	0.80	1.62	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	39.85
66.00	0.7352E+000.2400E-01	141.04	0.3852E+03	0.78	1.71	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	41.28
68.00	0.7692E+000.2207E-01	145.26	0.3455E+03	0.77	1.80	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	42.79
70.00	0.8017E+000.2023E-01	150.04	0.3087E+03	0.75	1.89	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	44.36
72.00	0.8304E+000.1845E-01	155.40	0.2746E+03	0.73	1.99	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	45.99
74.00	0.8584E+000.1680E-01	161.50	0.2435E+03	0.72	2.10	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	47.68
76.00	0.8864E+000.1524E-01	168.58	0.2152E+03	0.70	2.21	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	49.42
78.00	0.9139E+000.1379E-01	176.17	0.1897E+03	0.69	2.32	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	51.22
80.00	0.9434E+000.1246E-01	186.10	0.1672E+03	0.68	2.42	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	53.08
82.00	0.9768E+000.1142E-01	195.94	0.1487E+03	0.68	2.53	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	55.00
84.00	0.1014E+010.1050E-01	206.92	0.1327E+03	0.68	2.64	2.64	-0.98	-3.90	0.1574E+07	0.6532E+05	2539.00	56.99
86.00	0.1052E+010.9714E-02	218.73	0.1188E+03	0.69	2.75	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	59.06
88.00	0.1074E+010.8871E-02	231.44	0.1056E+03	0.69	2.87	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	61.18
90.00	0.1095E+010.7384E-02	244.76	0.9169E+02	0.68	2.98	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	63.31
92.00	0.1095E+010.7384E-02	258.69	0.7918E+02	0.71	3.10	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	65.46
94.00	0.1145E+010.7018E-02	273.49	0.6842E+02	0.76	3.22	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	67.70
96.00	0.1189E+010.6648E-02	289.21	0.5899E+02	0.81	3.35	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	70.04
100.00	0.1263E+010.5886E-02	324.94	0.4345E+02	0.91	3.61	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	74.89
102.00	0.1267E+010.5425E-02	343.96	0.3688E+02	0.96	3.73	3.73	-1.57	-4.51	0.5054E+06	0.9500E+05	3705.00	77.42
104.00	0.1206E+010.4748E-02	364.35	0.2989E+02	0.99	3.86	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	79.90
106.00	0.1167E+010.4243E-02	385.53	0.2466E+02	1.03	3.98	3.98	-1.63	-3.09	0.3779E+06	0.1032E+06	3995.00	82.27
108.00	0.1112E+010.3735E-02	408.20	0.2096E+02	1.04	4.11	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	84.55
110.00	0.1072E+010.3334E-02	431.91	0.1825E+02	1.05	4.23	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	86.73
112.00	0.1160E+010.3361E-02	455.60	0.1792E+02	1.10	4.35	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	88.96
114.00	0.1231E+010.3382E-02	474.24	0.1779E+02	1.14	4.42	4.42	-1.72	-6.99	0.2055E+06	0.1214E+06	4535.00	91.36
116.00	0.9914E+000.2638E-02	486.24	0.1344E+02	1.11	4.47	4.47	-1.89	-5.59	0.1738E+06	0.1176E+06	4605.00	93.58
118.00	0.8496E+000.2197E-02	497.14	0.1096E+02	1.09	4.50	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	95.42
120.00	0.7378E+000.1862E-02	506.67	0.9087E+01	1.08	4.52	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	97.01
122.00	0.6965E+000.1721E-02	515.08	0.8224E+01	1.10	4.52	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	98.44
124.00	0.6786E+000.1644E-02	523.27	0.7729E+01	1.12	4.53	4.53	-2.46	-6.11	0.0965E+05	0.1364E+06	4790.00	99.82
126.00	0.6352E+000.1507E-02	531.75	0.6990E+01	1.13	4.54	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	101.13

SUMMARY TABLE FOR BODY POINT 1404
XB= 408.0 THETAB= 104.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	LOAD
10.00	0.2391E+000.1765E-01		123.94	0.2027E+04	1.00	0.16	0.11	-0.29	0.1126E+07	0.1350E+04	183.10	1.20
15.00	0.3981E+000.2730E-01		124.99	0.1921E+04	1.00	0.27	1.36	-1.62	0.1788E+07	0.2823E+04	306.30	2.79
20.00	0.5564E+000.3515E-01		126.23	0.1821E+04	1.00	0.39	2.61	-2.94	0.2391E+07	0.4296E+04	429.50	5.18
25.00	0.7058E+000.4142E-01		127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	8.33
30.00	0.8512E+000.4613E-01		128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	12.22
35.00	0.9034E+000.4746E-01		129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	16.61
40.00	0.9503E+000.4768E-01		130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	21.24
45.00	0.9650E+000.4762E-01		130.66	0.9549E+03	1.02	1.02	-2.61	1.87	0.3821E+07	0.2131E+05	1073.00	26.03
50.00	0.1023E+010.5088E-01		130.50	0.7859E+03	1.17	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	31.00
55.00	0.1092E+010.5340E-01		130.86	0.6387E+03	1.35	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	36.29
60.00	0.1241E+010.5540E-01		132.80	0.5094E+03	1.55	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	42.12
62.00	0.1363E+010.5601E-01		134.74	0.4624E+03	1.65	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	44.73
64.00	0.1528E+010.5685E-01		137.27	0.4179E+03	1.76	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	47.62
66.00	0.1754E+010.5740E-01		140.96	0.3759E+03	1.88	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	50.90
68.00	0.2004E+010.5761E-01		145.18	0.3367E+03	2.00	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	54.66
70.00	0.2273E+010.5746E-01		149.95	0.3001E+03	2.13	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	58.93
72.00	0.2561E+010.5703E-01		155.30	0.2663E+03	2.28	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	63.77
74.00	0.2875E+010.5638E-01		161.39	0.2352E+03	2.43	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	69.20
76.00	0.3213E+010.5502E-01		168.80	0.2068E+03	2.58	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	75.29
78.00	0.3547E+010.5365E-01		176.52	0.1812E+03	2.73	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	82.05
80.00	0.3892E+010.5156E-01		185.90	0.1580E+03	2.89	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	89.49
82.00	0.4205E+010.4932E-01		195.67	0.1377E+03	3.05	2.53	-0.17	-3.46	0.1755E+07	0.6241E+05	2423.00	97.59
84.00	0.4510E+010.4691E-01		206.54	0.1195E+03	3.21	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	106.30
86.00	0.4765E+010.4421E-01		218.18	0.1034E+03	3.37	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	115.58
88.00	0.5007E+010.4161E-01		230.71	0.8905E+02	3.54	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	125.35
90.00	0.5508E+010.3737E-01		243.95	0.7657E+02	3.72	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	135.55
92.00	0.6003E+010.3703E-01		257.80	0.6573E+02	4.01	3.10	-1.07	-5.10	0.9720E+06	0.7777E+05	3025.00	146.26
94.00	0.6450E+010.3628E-01		272.54	0.5651E+02	4.46	3.22	-0.96	-2.47	0.8583E+06	0.8108E+05	3154.00	157.77
96.00	0.6785E+010.3486E-01		305.04	0.4834E+02	4.94	3.35	-0.98	-2.44	0.7572E+06	0.8446E+05	3286.00	170.22
98.00	0.7315E+010.3428E-01		323.80	0.3504E+02	5.38	3.47	-0.85	-2.25	0.6662E+06	0.8791E+05	3422.00	183.46
100.00	0.7644E+010.3231E-01		342.81	0.2527E+02	6.02	3.61	-0.83	-2.36	0.5826E+06	0.9142E+05	3566.00	197.56
102.00	0.7908E+010.3021E-01		363.41	0.2143E+02	6.48	3.73	-0.82	-2.26	0.5054E+06	0.9500E+05	3705.00	212.38
104.00	0.8048E+010.2998E-01		384.72	0.1816E+02	6.93	3.86	-0.84	-3.62	0.4373E+06	0.9864E+05	3850.00	227.53
106.00	0.8792E+010.2961E-01		407.35	0.1616E+02	8.68	3.98	-0.89	-3.09	0.3779E+06	0.1023E+06	3995.00	244.23
108.00	0.9048E+010.2961E-01		430.88	0.1538E+02	8.94	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	262.07
110.00	0.7227E+010.2106E-01		453.63	0.1303E+02	8.39	4.35	-0.81	-2.62	0.2416E+06	0.1137E+06	4432.00	293.42
112.00	0.6315E+010.1750E-01		471.20	0.1105E+02	8.02	4.42	-0.51	-3.49	0.2055E+06	0.1176E+06	4535.00	306.96
114.00	0.6459E+010.1729E-01		483.91	0.9396E+01	9.10	4.47	-0.05	-2.79	0.1738E+06	0.1214E+06	4605.00	319.74
116.00	0.5382E+010.1399E-01		495.09	0.8016E+01	8.43	4.50	0.16	-2.47	0.1470E+06	0.1252E+06	4665.00	331.58
118.00	0.4621E+010.1172E-01		504.83	0.6865E+01	8.06	4.52	-0.03	-2.24	0.1244E+06	0.1290E+06	4715.00	341.58
120.00	0.4435E+010.1102E-01		512.86	0.5902E+01	8.63	4.52	-0.14	-2.57	0.1054E+06	0.1327E+06	4754.00	350.64
122.00	0.4272E+010.1042E-01		520.39	0.5095E+01	9.24	4.53	0.27	-3.05	0.8965E+05	0.1364E+06	4790.00	359.34
124.00	0.3676E+010.8793E-02		528.48	0.4415E+01	8.81	4.54	-0.19	-3.24	0.7667E+05	0.1400E+06	4829.00	367.29

SUMMARY TABLE FOR BODY POINT 1406
XB= 432.0 THETAB= 104.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2361E+000.1743E-01	123.94	0.2027E+04	1.00	0.16	0.11	-0.29	0.1126E+07	0.1350E+04	183.10	1.18	
15.00	0.3933E+000.2696E-01	124.99	0.1921E+04	1.00	0.27	1.36	-1.62	0.1788E+07	0.2823E+04	306.30	2.75	
20.00	0.5497E+000.3473E-01	126.23	0.1821E+04	1.00	0.39	2.61	-2.94	0.2391E+07	0.4296E+04	429.50	5.11	
25.00	0.6974E+000.4093E-01	127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	8.23	
30.00	0.8412E+000.4559E-01	128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	12.08	
35.00	0.8929E+000.4690E-01	129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	16.41	
40.00	0.9391E+000.4712E-01	130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	20.99	
45.00	0.9600E+000.4737E-01	130.66	0.9549E+03	1.03	1.02	-2.61	1.87	0.3821E+07	0.2131E+05	1073.00	25.74	
50.00	0.1055E+010.5249E-01	130.50	0.7859E+03	1.23	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	30.78	
55.00	0.1168E+010.5710E-01	130.86	0.6387E+03	1.46	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	36.34	
60.00	0.1382E+010.6171E-01	132.80	0.5094E+03	1.75	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	42.71	
62.00	0.1548E+010.6360E-01	134.74	0.4624E+03	1.89	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	45.64	
64.00	0.1771E+010.6592E-01	137.27	0.4179E+03	2.06	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	48.96	
66.00	0.2080E+010.6805E-01	140.96	0.3759E+03	2.25	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	52.81	
68.00	0.2434E+010.6998E-01	145.18	0.3367E+03	2.46	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	57.33	
70.00	0.2821E+010.7133E-01	149.95	0.3001E+03	2.68	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	62.58	
72.00	0.3249E+010.7237E-01	155.30	0.2663E+03	2.92	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	68.65	
74.00	0.3740E+010.7335E-01	161.39	0.2352E+03	3.20	2.10	0.05	0.00	0.2515E+07	0.5153E+05	1999.00	75.64	
76.00	0.4280E+010.7329E-01	168.79	0.2071E+03	3.47	2.21	0.34	0.00	0.2341E+07	0.5413E+05	2100.00	83.66	
78.00	0.4828E+010.7301E-01	176.53	0.1817E+03	3.76	2.32	0.79	0.00	0.2152E+07	0.5681E+05	2206.00	92.77	
80.00	0.5373E+010.7116E-01	185.91	0.1586E+03	4.03	2.42	0.94	0.00	0.1941E+07	0.5957E+05	2313.00	102.97	
82.00	0.5868E+010.6882E-01	195.67	0.1380E+03	4.30	2.53	0.41	0.00	0.1755E+07	0.6241E+05	2423.00	114.21	
84.00	0.6268E+010.6520E-01	206.54	0.1195E+03	4.52	2.64	-0.34	0.00	0.1574E+07	0.6532E+05	2539.00	126.35	
86.00	0.6559E+010.6085E-01	218.18	0.1034E+03	4.70	2.75	-0.89	0.00	0.1402E+07	0.6831E+05	2656.00	139.18	
88.00	0.6895E+010.5731E-01	230.71	0.8905E+02	4.94	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	152.63	
90.00	0.7250E+010.5429E-01	243.95	0.7657E+02	5.25	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	166.78	
92.00	0.7577E+010.5141E-01	257.80	0.6573E+02	5.58	3.10	-1.07	0.00	0.9720E+06	0.7777E+05	3025.00	181.60	
94.00	0.7910E+010.4878E-01	272.54	0.5651E+02	5.95	3.22	-0.96	0.00	0.8583E+06	0.8108E+05	3154.00	197.09	
96.00	0.8137E+010.4577E-01	288.20	0.4834E+02	6.31	3.35	-0.98	0.00	0.7572E+06	0.8446E+05	3286.00	213.14	
98.00	0.8347E+010.4289E-01	305.04	0.4124E+02	6.70	3.47	-0.85	0.00	0.6662E+06	0.8791E+05	3422.00	229.62	
100.00	0.8504E+010.3985E-01	323.80	0.3504E+02	7.09	3.61	-0.83	0.00	0.5826E+06	0.9142E+05	3566.00	246.47	
102.00	0.8532E+010.3671E-01	342.81	0.2977E+02	7.46	3.73	-0.82	0.00	0.5054E+06	0.9500E+05	3705.00	263.51	
104.00	0.8527E+010.3370E-01	363.41	0.2527E+02	7.84	3.86	-0.82	0.00	0.4373E+06	0.9864E+05	3850.00	280.57	
106.00	0.8471E+010.3088E-01	384.72	0.2143E+02	8.23	3.98	-1.63	0.00	0.3779E+06	0.1023E+06	3995.00	297.57	
108.00	0.8062E+010.2715E-01	407.35	0.1816E+02	8.31	4.11	-1.65	0.00	0.3264E+06	0.1061E+06	4143.00	314.10	
110.00	0.7575E+010.2364E-01	430.88	0.1538E+02	8.31	4.23	-1.70	0.00	0.2814E+06	0.1099E+06	4293.00	329.74	
112.00	0.7053E+010.2055E-01	453.63	0.1303E+02	8.30	4.35	-1.72	0.00	0.2055E+06	0.1176E+06	4432.00	344.36	
114.00	0.6581E+010.1824E-01	471.20	0.1105E+02	8.48	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	358.00	
116.00	0.5891E+010.1577E-01	483.91	0.9396E+01	8.41	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	370.47	
118.00	0.5383E+010.1399E-01	495.09	0.8016E+01	8.55	4.50	0.74	-4.93	0.1470E+06	0.1252E+06	4665.00	381.74	
120.00	0.4890E+010.1240E-01	504.83	0.6865E+01	8.65	4.52	1.44	-4.49	0.1244E+06	0.1290E+06	4715.00	392.02	
122.00	0.4423E+010.1099E-01	512.86	0.5902E+01	8.73	4.52	1.53	-5.14	0.1054E+06	0.1327E+06	4754.00	401.33	
124.00	0.3962E+010.9665E-02	520.39	0.5095E+01	8.70	4.53	1.18	-6.11	0.0896E+05	0.1364E+06	4790.00	409.72	
126.00	0.3544E+010.8478E-02	528.48	0.4415E+01	8.61	4.54	0.74	-6.47	0.7667E+05	0.1400E+06	4829.00	417.22	

SUMMARY TABLE FOR BODY POINT 1410
XB= 480.0 THETAB= 104.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2303E+000	1700E-01	123.94	0.2027E+04	1.00	0.16	0.11	-0.29	0.1126E+07	0.1350E+04	183.10	1.15
15.00	0.3838E+000	2631E-01	124.99	0.1921E+04	1.00	0.27	1.36	-1.62	0.1788E+07	0.2823E+04	306.30	2.69
20.00	0.5367E+000	3391E-01	126.23	0.1821E+04	1.00	0.39	2.61	-2.94	0.2391E+07	0.4296E+04	429.50	4.99
25.00	0.6810E+000	3997E-01	127.43	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	8.03
30.00	0.8216E+000	4452E-01	128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	11.79
35.00	0.8721E+000	4581E-01	129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	16.02
40.00	0.9173E+000	4602E-01	130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	20.50
45.00	0.9063E+000	4477E-01	130.64	0.9490E+03	1.00	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	25.05
50.00	0.8292E+000	4125E-01	130.50	0.7859E+03	0.99	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	29.39
55.00	0.7653E+000	3741E-01	130.86	0.6387E+03	0.98	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	33.38
60.00	0.7538E+000	3366E-01	132.80	0.5094E+03	0.98	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	37.18
62.00	0.7822E+000	3214E-01	134.74	0.4624E+03	0.98	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	38.71
64.00	0.8270E+000	3077E-01	137.27	0.4179E+03	0.99	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	40.32
66.00	0.8980E+000	2938E-01	140.96	0.3759E+03	1.00	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	42.05
68.00	0.9727E+000	2797E-01	145.18	0.3367E+03	1.01	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	43.92
70.00	0.1050E+010	2654E-01	149.95	0.3001E+03	1.02	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	45.94
72.00	0.1127E+010	2510E-01	155.30	0.2663E+03	1.04	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	48.12
74.00	0.1224E+010	2401E-01	161.39	0.2352E+03	1.07	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	50.47
76.00	0.1351E+010	2313E-01	168.80	0.2068E+03	1.12	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	53.04
78.00	0.1502E+010	2272E-01	176.52	0.1812E+03	1.20	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2206.00	55.90
80.00	0.1638E+010	2170E-01	185.90	0.1580E+03	1.26	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	59.04
82.00	0.1680E+010	1971E-01	195.67	0.1377E+03	1.26	2.53	0.41	-3.46	0.1755E+07	0.6241E+05	2423.00	62.36
84.00	0.1704E+010	1772E-01	206.54	0.1195E+03	1.29	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	65.74
86.00	0.1756E+010	1630E-01	218.18	0.1034E+03	1.29	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	69.20
88.00	0.1811E+010	1505E-01	230.71	0.8905E+02	1.33	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	72.77
90.00	0.1815E+010	1359E-01	243.95	0.7657E+02	1.35	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	76.40
92.00	0.1939E+010	1316E-01	257.80	0.6573E+02	1.47	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	80.15
94.00	0.2112E+010	1302E-01	272.54	0.5651E+02	1.63	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	84.20
96.00	0.2255E+010	1269E-01	288.20	0.4834E+02	1.79	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	88.57
98.00	0.2368E+010	1217E-01	305.04	0.4124E+02	1.95	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	93.19
100.00	0.2559E+010	1199E-01	323.80	0.3504E+02	2.19	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	98.12
102.00	0.2640E+010	1136E-01	342.81	0.2977E+02	2.37	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	103.32
104.00	0.2608E+010	1031E-01	363.41	0.2527E+02	2.46	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	108.57
106.00	0.2617E+010	9539E-02	384.72	0.2143E+02	2.61	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	113.79
108.00	0.2490E+010	8386E-02	407.35	0.1816E+02	2.63	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	118.90
110.00	0.2363E+010	7373E-02	430.88	0.1538E+02	2.66	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	123.75
112.00	0.2444E+010	7120E-02	453.63	0.1303E+02	2.96	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	128.56
114.00	0.2425E+010	6720E-02	471.20	0.1105E+02	3.21	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	133.43
116.00	0.2127E+010	5696E-02	483.91	0.9396E+01	3.12	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	137.98
118.00	0.1950E+010	5070E-02	495.09	0.8016E+01	3.18	4.50	0.74	-4.93	0.1470E+06	0.1252E+06	4665.00	142.06
120.00	0.1783E+010	4521E-02	504.83	0.6865E+01	3.24	4.52	1.44	-4.49	0.1244E+06	0.1290E+06	4715.00	145.79
122.00	0.1653E+010	4107E-02	512.86	0.5902E+01	3.35	4.52	1.53	-5.14	0.1054E+06	0.1327E+06	4754.00	149.22
124.00	0.1516E+010	3697E-02	520.39	0.5095E+01	3.42	4.53	1.18	-6.11	0.8965E+05	0.1364E+06	4790.00	152.39
126.00	0.1354E+010	3238E-02	528.48	0.4415E+01	3.39	4.54	0.74	-6.47	0.7667E+05	0.1400E+06	4829.00	155.26

SUMMARY TABLE FOR BODY POINT 1496
XB= 444.0 THETAB= 140.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2346E+000.1732E-01		123.94	0.2027E+04	1.00	0.16	0.11	-0.29	0.1126E+07	0.1350E+04	183.10	1.17
15.00	0.3909E+000.2680E-01		124.99	0.1921E+04	1.00	0.27	1.36	-3.23	0.1788E+07	0.2823E+04	306.30	2.74
20.00	0.5464E+000.3452E-01		126.23	0.1821E+04	1.00	0.39	2.61	-5.89	0.2391E+07	0.4296E+04	429.50	5.08
25.00	0.6933E+000.4068E-01		127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	8.18
30.00	0.8363E+000.4532E-01		128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	12.00
35.00	0.8876E+000.4663E-01		129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	16.31
40.00	0.9335E+000.4684E-01		130.33	0.1127E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	20.87
45.00	0.9456E+000.4671E-01		130.64	0.9490E+03	1.02	1.02	-2.61	1.87	0.3821E+07	0.2131E+05	1073.00	25.56
50.00	0.9881E+000.4915E-01		130.50	0.7859E+03	1.15	1.15	-2.76	2.02	0.3759E+07	0.2584E+05	1183.00	30.40
55.00	0.1040E+010.5084E-01		130.86	0.6387E+03	1.30	1.29	-2.82	2.12	0.3657E+07	0.3059E+05	1301.00	35.47
60.00	0.1171E+010.5229E-01		132.80	0.5094E+03	1.49	1.46	-2.28	2.06	0.3496E+07	0.3556E+05	1435.00	41.00
62.00	0.1286E+010.5286E-01		134.74	0.4624E+03	1.58	1.53	-1.85	1.90	0.3395E+07	0.3763E+05	1497.00	43.45
64.00	0.1443E+010.5368E-01		137.28	0.4182E+03	1.69	1.62	-1.43	1.82	0.3282E+07	0.3975E+05	1569.00	46.18
66.00	0.1661E+010.5432E-01		140.97	0.3774E+03	1.80	1.71	-1.07	1.80	0.3151E+07	0.4195E+05	1647.00	49.29
68.00	0.1905E+010.5478E-01		145.20	0.3392E+03	1.93	1.80	-0.68	1.78	0.3003E+07	0.4423E+05	1729.00	52.85
70.00	0.2168E+010.5478E-01		149.99	0.3034E+03	2.06	1.89	-0.46	1.86	0.2845E+07	0.4658E+05	1814.00	56.93
72.00	0.2453E+010.5458E-01		155.34	0.2701E+03	2.20	1.99	-0.26	1.94	0.2681E+07	0.4902E+05	1904.00	61.55
74.00	0.2784E+010.5403E-01		161.45	0.2400E+03	2.36	2.10	0.05	2.12	0.2515E+07	0.5153E+05	1999.00	66.78
76.00	0.3148E+010.5404E-01		168.65	0.2126E+03	2.53	2.21	0.34	2.34	0.2341E+07	0.5413E+05	2100.00	72.72
78.00	0.3548E+010.5356E-01		176.64	0.1881E+03	2.71	2.32	0.79	2.61	0.2152E+07	0.5681E+05	2206.00	79.41
80.00	0.3938E+010.5205E-01		186.06	0.1655E+03	2.89	2.42	0.94	3.01	0.1941E+07	0.5957E+05	2313.00	86.90
82.00	0.4252E+010.4976E-01		195.84	0.1445E+03	3.04	2.53	0.41	3.46	0.1755E+07	0.6241E+05	2423.00	95.09
84.00	0.4686E+010.4667E-01		206.71	0.1254E+03	3.16	2.64	-0.34	3.98	0.1574E+07	0.6532E+05	2539.00	103.83
86.00	0.4871E+010.4041E-01		218.39	0.1088E+03	3.26	2.75	-0.89	4.60	0.1402E+07	0.6831E+05	2656.00	113.01
88.00	0.5077E+010.3794E-01		230.96	0.9385E+02	3.39	2.87	-1.16	5.13	0.1244E+07	0.7139E+05	2777.00	122.57
90.00	0.5369E+010.3635E-01		244.23	0.8113E+02	3.56	2.98	-1.13	5.10	0.1100E+07	0.7454E+05	2901.00	132.52
92.00	0.5685E+010.3499E-01		258.11	0.6995E+02	3.82	3.10	-1.07	5.00	0.9720E+06	0.7777E+05	3025.00	142.97
94.00	0.5919E+010.3322E-01		272.89	0.6038E+02	4.12	3.22	-0.96	4.94	0.8583E+06	0.8108E+05	3154.00	154.02
96.00	0.6075E+010.3115E-01		288.57	0.5185E+02	4.41	3.35	-0.98	4.87	0.7572E+06	0.8446E+05	3286.00	165.63
98.00	0.6351E+010.2970E-01		305.43	0.4430E+02	4.68	3.47	-0.85	4.72	0.5826E+06	0.9142E+05	3422.00	177.62
100.00	0.6386E+010.2742E-01		324.27	0.3803E+02	5.05	3.61	-0.83	4.52	0.5054E+06	0.9500E+05	3566.00	190.04
102.00	0.6093E+010.2405E-01		343.27	0.3235E+02	5.32	3.73	-0.82	4.52	0.4373E+06	0.9864E+05	3705.00	202.78
104.00	0.5863E+010.2135E-01		363.79	0.2700E+02	5.59	3.86	-0.82	3.62	0.4373E+06	0.1023E+06	3850.00	215.26
106.00	0.5555E+010.1869E-01		385.04	0.2266E+02	5.52	3.98	-0.84	3.09	0.3779E+06	0.1023E+06	3995.00	227.22
108.00	0.5323E+010.1659E-01		407.67	0.1921E+02	5.55	4.11	-0.89	3.03	0.3264E+06	0.1061E+06	4143.00	238.63
110.00	0.5111E+010.1499E-01		431.26	0.1640E+02	5.62	4.23	-0.95	3.30	0.2814E+06	0.1099E+06	4293.00	249.51
112.00	0.6108E+010.1686E-01		472.65	0.1394E+02	6.23	4.35	-0.81	5.24	0.2416E+06	0.1137E+06	4432.00	260.57
114.00	0.5054E+010.1349E-01		485.14	0.1138E+02	6.37	4.47	-0.05	6.99	0.2055E+06	0.1176E+06	4535.00	272.42
116.00	0.4612E+010.1195E-01		496.46	0.9878E+01	6.39	4.50	0.74	5.59	0.1738E+06	0.1214E+06	4605.00	283.58
118.00	0.4285E+010.1082E-01		506.34	0.8641E+01	6.52	4.52	1.44	4.49	0.1244E+06	0.1290E+06	4715.00	293.25
120.00	0.4029E+010.9966E-02		514.64	0.7722E+01	6.66	4.52	1.53	5.14	0.1054E+06	0.1327E+06	4754.00	302.15
122.00	0.3760E+010.9127E-02		522.41	0.6854E+01	6.79	4.53	1.18	6.11	0.8965E+05	0.1364E+06	4790.00	310.46
124.00	0.3376E+010.8035E-02		530.53	0.5899E+01	6.78	4.54	0.74	6.47	0.7667E+05	0.1400E+06	4829.00	318.25
126.00												325.39

SUMMARY TABLE FOR BODY POINT 3207
XB= 450.0 THETAB= 270.0

TRAJ. TIME (SEC)	DESIGN HTG RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2339E+000.1727E-01	123.94	0.2027E+04	0.16	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	1.17
15.00	0.3897E+000.2672E-01	124.99	0.1921E+04	0.27	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.73
20.00	0.5448E+000.3442E-01	126.23	0.1821E+04	0.39	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	5.06
25.00	0.6912E+000.4056E-01	127.44	0.1653E+04	0.51	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	8.15
30.00	0.8338E+000.4518E-01	128.85	0.1498E+04	0.65	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	11.97
35.00	0.8850E+000.4649E-01	129.44	0.1302E+04	0.77	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	16.26
40.00	0.9310E+000.4671E-01	130.33	0.1128E+04	0.90	1.00	0.90	-2.79	-2.02	0.3827E+07	0.1702E+05	965.30	20.80
45.00	0.9528E+000.4699E-01	130.68	0.9584E+03	1.02	1.03	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	25.51
50.00	0.1034E+010.5143E-01	130.50	0.7859E+03	1.21	1.21	1.15	-2.76	0.00	0.3759E+07	0.2584E+05	1183.00	30.48
55.00	0.1133E+010.5539E-01	130.86	0.6387E+03	1.42	1.42	1.29	-2.82	0.00	0.3657E+07	0.3059E+05	1301.00	35.90
60.00	0.1300E+010.5936E-01	132.80	0.5094E+03	1.70	1.70	1.46	-2.28	0.00	0.3496E+07	0.3556E+05	1435.00	42.06
62.00	0.1486E+010.6104E-01	134.74	0.4624E+03	1.83	1.83	1.53	-1.85	0.00	0.3395E+07	0.3763E+05	1497.00	44.87
64.00	0.1695E+010.6308E-01	137.27	0.4179E+03	1.99	1.99	1.62	-1.43	0.00	0.3282E+07	0.3975E+05	1569.00	48.05
66.00	0.1982E+010.6485E-01	140.96	0.3759E+03	2.17	2.17	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	51.73
68.00	0.2307E+010.6634E-01	145.18	0.3367E+03	2.36	2.36	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	56.02
70.00	0.2662E+010.6729E-01	149.95	0.3001E+03	2.55	2.55	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	60.99
72.00	0.3051E+010.6794E-01	155.30	0.2663E+03	2.77	2.77	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	66.70
74.00	0.3488E+010.6841E-01	161.39	0.2352E+03	3.01	3.01	2.10	0.05	0.00	0.2515E+07	0.5153E+05	1999.00	73.24
76.00	0.3937E+010.6741E-01	168.80	0.2068E+03	3.23	3.23	2.21	-0.28	0.00	0.2341E+07	0.5413E+05	2100.00	80.66
78.00	0.4425E+010.6692E-01	176.52	0.1812E+03	3.48	3.48	2.32	0.16	0.00	0.2152E+07	0.5681E+05	2206.00	89.03
80.00	0.4910E+010.6504E-01	185.90	0.1580E+03	3.73	3.73	2.42	-0.05	0.00	0.1941E+07	0.5957E+05	2313.00	98.36
82.00	0.5359E+010.6284E-01	195.67	0.1377E+03	3.97	3.97	2.53	0.12	0.00	0.1755E+07	0.6241E+05	2423.00	108.63
84.00	0.5758E+010.5990E-01	206.54	0.1195E+03	4.19	4.19	2.64	-0.34	0.00	0.1574E+07	0.6532E+05	2539.00	119.75
86.00	0.6026E+010.5591E-01	218.18	0.1034E+03	4.36	4.36	2.75	-0.89	0.00	0.1402E+07	0.6831E+05	2656.00	131.53
88.00	0.6434E+010.5317E-01	231.42	0.1049E+03	4.17	4.17	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	143.99
90.00	0.6758E+010.5031E-01	244.73	0.9103E+02	4.40	4.40	2.98	-1.13	-5.00	0.1100E+07	0.7454E+05	2901.00	157.18
92.00	0.6857E+010.4625E-01	258.65	0.7857E+02	4.53	4.53	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	170.80
94.00	0.6938E+010.4279E-01	272.54	0.5651E+02	5.27	5.27	3.22	-0.96	0.00	0.8583E+06	0.8108E+05	3154.00	184.59
96.00	0.6981E+010.3926E-01	288.20	0.4834E+02	5.46	5.46	3.35	-0.98	0.00	0.7572E+06	0.8446E+05	3286.00	198.51
98.00	0.7024E+010.3609E-01	305.04	0.4124E+02	5.69	5.69	3.47	-0.85	0.00	0.6662E+06	0.8791E+05	3422.00	212.52
100.00	0.7012E+010.3286E-01	323.80	0.3504E+02	5.91	5.91	3.61	-0.83	0.00	0.5826E+06	0.9142E+05	3566.00	226.55
102.00	0.6910E+010.2973E-01	342.81	0.2977E+02	6.10	6.10	3.73	-0.82	0.00	0.5054E+06	0.9500E+05	3705.00	240.48
104.00	0.6782E+010.2681E-01	363.41	0.2527E+02	6.29	6.29	3.86	-0.82	0.00	0.4373E+06	0.9864E+05	3850.00	254.17
106.00	0.6636E+010.2419E-01	384.72	0.2143E+02	6.51	6.51	3.98	-1.63	3.09	0.3779E+06	0.1023E+06	3995.00	267.59
108.00	0.6333E+010.2133E-01	407.35	0.1816E+02	6.59	6.59	4.11	-1.65	3.03	0.3264E+06	0.1061E+06	4143.00	280.56
110.00	0.6022E+010.1879E-01	430.88	0.1538E+02	6.67	6.67	4.23	-1.70	3.30	0.2814E+06	0.1099E+06	4293.00	292.91
112.00	0.5707E+010.1663E-01	453.63	0.1303E+02	6.79	6.79	4.35	-1.59	5.24	0.2416E+06	0.1137E+06	4432.00	304.64
114.00	0.5512E+010.1515E-01	474.14	0.1754E+02	5.21	5.21	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	315.86
116.00	0.4943E+010.1324E-01	483.91	0.9396E+01	7.13	7.13	4.47	-1.89	5.59	0.1738E+06	0.1214E+06	4605.00	326.32
118.00	0.4242E+010.1103E-01	495.09	0.8016E+01	6.81	6.81	4.50	-1.58	4.93	0.1470E+06	0.1252E+06	4665.00	335.50
120.00	0.3755E+010.9521E-02	504.83	0.6865E+01	6.71	6.71	4.52	-0.03	0.00	0.1244E+06	0.1290E+06	4715.00	343.50
122.00	0.3546E+010.8810E-02	512.86	0.5902E+01	7.07	7.07	4.52	-1.80	5.14	0.1054E+06	0.1327E+06	4754.00	350.80
124.00	0.3526E+010.8600E-02	520.39	0.5095E+01	7.82	7.82	4.53	-2.46	6.11	0.0895E+05	0.1364E+06	4790.00	357.87
126.00	0.3471E+010.8302E-02	528.48	0.4415E+01	8.53	8.53	4.54	-3.00	6.47	0.7667E+05	0.1400E+06	4829.00	364.87

C. 2

SUMMARY TABLE FOR BODY POINT 3229
XB= 490.0 THETAB= 105.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2290E+000.1691E-01		123.94	0.2027E+04	1.00	0.16	0.11	-0.29	0.1126E+07	0.1350E+04	183.10	1.15
15.00	0.3818E+000.2618E-01		124.99	0.1921E+04	1.00	0.27	1.36	-1.62	0.1788E+07	0.2823E+04	306.30	2.67
20.00	0.5340E+000.3374E-01		126.23	0.1821E+04	1.00	0.39	2.61	-2.94	0.2391E+07	0.4296E+04	429.50	4.96
25.00	0.6777E+000.3977E-01		127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	7.99
30.00	0.8175E+000.4430E-01		128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	11.73
35.00	0.8678E+000.4559E-01		129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	15.94
40.00	0.9128E+000.4580E-01		130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3821E+07	0.1702E+05	965.30	20.39
45.00	0.8970E+000.4427E-01		130.66	0.9547E+03	0.99	1.02	-2.61	1.87	0.3821E+07	0.2131E+05	1073.00	24.92
50.00	0.7858E+000.3909E-01		130.50	0.7859E+03	0.94	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	29.13
55.00	0.6948E+000.3396E-01		130.86	0.6387E+03	0.89	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	32.83
60.00	0.6566E+000.2932E-01		132.80	0.5094E+03	0.86	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	36.21
62.00	0.6726E+000.2763E-01		134.74	0.4624E+03	0.85	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	37.54
64.00	0.7015E+000.2606E-01		137.32	0.4237E+03	0.83	1.62	-1.43	1.82	0.3282E+07	0.3975E+05	1569.00	38.91
66.00	0.7491E+000.2447E-01		141.01	0.3821E+03	0.83	1.71	-1.07	1.80	0.3151E+07	0.4195E+05	1647.00	40.36
68.00	0.7985E+000.2292E-01		145.23	0.3400E+03	0.82	1.80	-0.68	1.78	0.3003E+07	0.4423E+05	1729.00	41.91
70.00	0.8450E+000.2133E-01		150.02	0.3066E+03	0.82	1.89	-0.46	1.86	0.2845E+07	0.4658E+05	1814.00	43.55
72.00	0.8891E+000.1977E-01		155.38	0.2729E+03	0.81	1.99	-0.26	1.94	0.2681E+07	0.4902E+05	1904.00	45.28
74.00	0.9420E+000.1844E-01		161.48	0.2423E+03	0.81	2.10	0.05	2.12	0.2515E+07	0.5153E+05	1999.00	47.12
76.00	0.1012E+010.1733E-01		168.80	0.2068E+03	0.85	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	49.07
78.00	0.1101E+010.1665E-01		176.52	0.1812E+03	0.88	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2206.00	51.18
80.00	0.1167E+010.1545E-01		185.90	0.1580E+03	0.90	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	53.45
82.00	0.1152E+010.1347E-01		195.93	0.1482E+03	0.83	2.53	0.41	3.46	0.1755E+07	0.6241E+05	2423.00	55.77
84.00	0.1136E+010.1178E-01		206.88	0.1310E+03	0.79	2.64	-0.34	3.98	0.1574E+07	0.6532E+05	2539.00	58.06
86.00	0.1146E+010.1058E-01		218.65	0.1164E+03	0.78	2.75	-0.89	4.60	0.1402E+07	0.6831E+05	2656.00	60.34
88.00	0.1156E+010.9557E-02		231.33	0.1027E+03	0.78	2.87	-1.16	5.13	0.1244E+07	0.7139E+05	2777.00	62.64
90.00	0.1142E+010.8507E-02		244.63	0.8908E+02	0.77	2.98	-1.13	5.10	0.1100E+07	0.7454E+05	2901.00	64.94
92.00	0.1158E+010.7858E-02		257.80	0.6573E+02	0.88	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	67.24
94.00	0.1277E+010.7879E-02		272.54	0.5651E+02	0.99	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	69.67
96.00	0.1381E+010.7768E-02		288.20	0.4834E+02	1.10	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	72.33
98.00	0.1474E+010.7572E-02		305.04	0.4124E+02	1.22	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	75.18
100.00	0.1602E+010.7507E-02		323.80	0.3504E+02	1.38	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	78.26
102.00	0.1670E+010.7188E-02		342.81	0.2977E+02	1.51	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	81.53
104.00	0.1669E+010.6596E-02		363.41	0.2527E+02	1.58	3.86	-0.84	-3.62	0.4373E+06	0.9864E+05	3850.00	84.87
106.00	0.1680E+010.6123E-02		384.72	0.2143E+02	1.69	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	88.22
108.00	0.1599E+010.5383E-02		407.35	0.1816E+02	1.70	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	91.50
110.00	0.1517E+010.4735E-02		430.88	0.1538E+02	1.72	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	94.62
112.00	0.1572E+010.4581E-02		453.63	0.1303E+02	1.91	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	97.71
114.00	0.1557E+010.4315E-02		471.20	0.1105E+02	2.07	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	100.83
116.00	0.1368E+010.3662E-02		483.91	0.9396E+01	2.02	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	103.76
118.00	0.1254E+010.3260E-02		495.09	0.8016E+01	2.06	4.50	0.74	-4.93	0.1470E+06	0.1252E+06	4665.00	106.38
120.00	0.1146E+010.2904E-02		504.83	0.6865E+01	2.10	4.52	1.44	-4.49	0.1244E+06	0.1290E+06	4715.00	108.78
122.00	0.1062E+010.2639E-02		512.86	0.5902E+01	2.17	4.52	1.53	-5.14	0.1054E+06	0.1327E+06	4754.00	110.99
124.00	0.0735E+000.2374E-02		520.39	0.5095E+01	2.21	4.53	1.18	-6.11	0.8965E+05	0.1364E+06	4790.00	113.02
126.00	0.8692E+000.2079E-02		528.48	0.4415E+01	2.19	4.54	0.74	-6.47	0.7667E+05	0.1400E+06	4829.00	114.87

SUMMARY TABLE FOR BODY POINT 4214
XB= 480.0 THETAB= 110.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2303E+000.1700E-01		123.94	0.2027E+04	1.00	0.16	0.11	-0.29	0.1126E+07	0.1350E+04	183.10	1.15
15.00	0.3838E+000.2631E-01		124.99	0.1921E+04	1.00	0.27	1.36	-1.62	0.1788E+07	0.2823E+04	306.30	2.69
20.00	0.5367E+000.3391E-01		126.23	0.1821E+04	1.00	0.39	2.61	-2.94	0.2391E+07	0.4296E+04	429.50	4.99
25.00	0.6810E+000.3997E-01		127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6399E+04	569.50	8.03
30.00	0.8216E+000.4452E-01		128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	11.79
35.00	0.8721E+000.4581E-01		129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	16.02
40.00	0.9172E+000.4602E-01		130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	20.50
45.00	0.9074E+000.4482E-01		130.64	0.9490E+03	1.00	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	25.06
50.00	0.8356E+000.4157E-01		130.50	0.7859E+03	0.99	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	29.41
55.00	0.7764E+000.3795E-01		130.86	0.6387E+03	0.99	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	33.45
60.00	0.7705E+000.3440E-01		132.80	0.5094E+03	1.00	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	37.31
62.00	0.8022E+000.3296E-01		134.74	0.4624E+03	1.01	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	38.89
64.00	0.8515E+000.3168E-01		137.27	0.4179E+03	1.02	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	40.54
66.00	0.9283E+000.3037E-01		140.96	0.3759E+03	1.03	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	42.32
68.00	0.1010E+010.2903E-01		145.18	0.3367E+03	1.05	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	44.26
70.00	0.1094E+010.2766E-01		149.95	0.3001E+03	1.07	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	46.36
72.00	0.1179E+010.2626E-01		155.30	0.2663E+03	1.09	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	48.63
74.00	0.1287E+010.2523E-01		161.39	0.2352E+03	1.13	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	51.10
76.00	0.1430E+010.2449E-01		168.80	0.2068E+03	1.19	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	53.82
78.00	0.1605E+010.2427E-01		176.52	0.1812E+03	1.28	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2206.00	56.85
80.00	0.1759E+010.2330E-01		185.90	0.1580E+03	1.36	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	60.21
82.00	0.1810E+010.2123E-01		195.67	0.1377E+03	1.36	2.53	0.41	-3.46	0.1755E+07	0.6241E+05	2423.00	63.78
84.00	0.1846E+010.1921E-01		206.54	0.1195E+03	1.37	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	67.44
86.00	0.1920E+010.1781E-01		218.18	0.1034E+03	1.41	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	71.21
88.00	0.1997E+010.1660E-01		230.71	0.8905E+02	1.47	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	75.12
90.00	0.2008E+010.1504E-01		243.95	0.7657E+02	1.49	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	79.13
92.00	0.2119E+010.1438E-01		257.80	0.6573E+02	1.60	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	83.26
94.00	0.2277E+010.1404E-01		272.54	0.5651E+02	1.76	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	87.65
96.00	0.2398E+010.1349E-01		288.20	0.4834E+02	1.91	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	92.33
98.00	0.2480E+010.1274E-01		305.04	0.4124E+02	2.04	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	97.20
100.00	0.2650E+010.1242E-01		323.80	0.3504E+02	2.27	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	102.33
102.00	0.2700E+010.1162E-01		342.81	0.2977E+02	2.42	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	107.68
104.00	0.2627E+010.1038E-01		363.41	0.2527E+02	2.48	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	113.01
106.00	0.2606E+010.9501E-02		384.72	0.2143E+02	2.60	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	118.24
108.00	0.2476E+010.8339E-02		407.35	0.1816E+02	2.62	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	123.33
110.00	0.2352E+010.7339E-02		430.88	0.1538E+02	2.65	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	128.15
112.00	0.2445E+010.7124E-02		453.63	0.1303E+02	2.96	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	132.95
114.00	0.2437E+010.6754E-02		471.20	0.1105E+02	3.23	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	137.83
116.00	0.2131E+010.5705E-02		483.91	0.9396E+01	3.13	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	142.40
118.00	0.1950E+010.5069E-02		495.09	0.8016E+01	3.18	4.50	0.74	-4.93	0.1470E+06	0.1252E+06	4665.00	146.48
120.00	0.1781E+010.4516E-02		504.83	0.6865E+01	3.24	4.52	1.44	-4.49	0.1244E+06	0.1290E+06	4715.00	150.21
122.00	0.1653E+010.4108E-02		512.86	0.5902E+01	3.36	4.52	1.53	-5.14	0.1054E+06	0.1327E+06	4754.00	153.65
124.00	0.1519E+010.3705E-02		520.39	0.5095E+01	3.43	4.53	1.18	-6.11	0.8965E+05	0.1364E+06	4790.00	156.82
126.00	0.1358E+010.3248E-02		528.48	0.4415E+01	3.40	4.54	0.74	-6.47	0.7667E+05	0.1400E+06	4829.00	159.70

SUMMARY TABLE FOR BODY POINT 7444
XB= 419.0 THETAB= 46.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2378E+000.1755E-01	123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.19	
15.00	0.3959E+000.2714E-01	124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2833E+04	306.30	2.77	
20.00	0.5533E+000.3496E-01	126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	5.15	
25.00	0.7019E+000.4119E-01	127.44	0.1653E+04	1.00	0.51	-0.32	-2.38	0.2933E+07	0.6939E+04	569.50	8.28	
30.00	0.8466E+000.4588E-01	128.85	0.1498E+04	1.00	0.65	-3.24	-3.62	0.3401E+07	0.9582E+04	709.40	12.16	
35.00	0.8986E+000.4720E-01	129.44	0.1302E+04	1.00	0.77	-3.02	-2.82	0.3647E+07	0.1330E+05	837.30	16.52	
40.00	0.9456E+000.4742E-01	130.34	0.1131E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	21.13	
45.00	0.9554E+000.4695E-01	130.75	0.9795E+03	1.01	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	25.88	
50.00	0.9270E+000.4625E-01	130.45	0.7883E+03	1.07	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	30.59	
55.00	0.9191E+000.4528E-01	130.70	0.6453E+03	1.14	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	35.20	
60.00	0.9651E+000.4333E-01	132.67	0.5146E+03	1.21	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	39.91	
62.00	0.1024E+010.4226E-01	134.62	0.4670E+03	1.24	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	41.90	
64.00	0.1112E+010.4126E-01	137.35	0.4283E+03	1.27	1.62	-3.57	0.00	0.3282E+07	0.3975E+05	1569.00	44.04	
66.00	0.1227E+010.4006E-01	141.04	0.3857E+03	1.30	1.71	-3.35	0.00	0.3151E+07	0.4195E+05	1647.00	46.38	
68.00	0.1348E+010.3867E-01	145.26	0.3459E+03	1.33	1.80	-3.23	0.00	0.3003E+07	0.4423E+05	1729.00	48.95	
70.00	0.1470E+010.3708E-01	150.03	0.3083E+03	1.36	1.89	-3.01	0.00	0.2845E+07	0.4658E+05	1814.00	51.77	
72.00	0.1589E+010.3534E-01	155.38	0.2732E+03	1.40	1.99	-2.69	0.00	0.2681E+07	0.4902E+05	1904.00	54.83	
74.00	0.1712E+010.3352E-01	161.47	0.2410E+03	1.43	2.10	-2.41	0.00	0.2515E+07	0.5153E+05	1999.00	58.13	
76.00	0.1841E+010.3152E-01	168.80	0.2068E+03	1.48	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	61.68	
78.00	0.1960E+010.2964E-01	176.52	0.1812E+03	1.52	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	65.48	
80.00	0.2071E+010.2743E-01	185.90	0.1580E+03	1.55	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	69.51	
82.00	0.2162E+010.2536E-01	195.67	0.1377E+03	1.58	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	73.75	
84.00	0.2253E+010.2343E-01	206.54	0.1195E+03	1.62	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	78.16	
86.00	0.2327E+010.2159E-01	218.18	0.1034E+03	1.66	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	82.74	
88.00	0.2382E+010.1980E-01	230.71	0.8905E+02	1.70	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	87.45	
90.00	0.2409E+010.1804E-01	243.95	0.7657E+02	1.73	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	92.24	
92.00	0.2439E+010.1655E-01	257.80	0.6573E+02	1.78	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	97.09	
94.00	0.2456E+010.1515E-01	272.54	0.5651E+02	1.84	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	101.99	
96.00	0.2451E+010.1379E-01	288.20	0.4834E+02	1.89	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	106.89	
98.00	0.2426E+010.1247E-01	305.04	0.4124E+02	1.93	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	111.77	
100.00	0.2404E+010.1127E-01	323.80	0.3504E+02	1.99	3.61	-1.60	-4.52	0.5954E+06	0.9500E+05	3705.00	121.35	
102.00	0.2344E+010.1009E-01	342.81	0.2977E+02	2.04	3.73	-1.57	-4.52	0.5054E+06	0.9864E+05	3850.00	125.97	
104.00	0.2273E+010.8985E-02	363.41	0.2527E+02	2.07	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3995.00	130.43	
106.00	0.2193E+010.7993E-02	384.72	0.2143E+02	2.12	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	4143.00	134.70	
108.00	0.2078E+010.6997E-02	407.35	0.1816E+02	2.13	4.11	-1.65	-3.30	0.3264E+06	0.1061E+06	4293.00	138.74	
110.00	0.1961E+010.6120E-02	430.88	0.1538E+02	2.14	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4432.00	142.56	
112.00	0.1857E+010.5410E-02	453.63	0.1303E+02	2.17	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4535.00	146.24	
114.00	0.1819E+010.5041E-02	471.20	0.1105E+02	2.23	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4605.00	149.63	
116.00	0.1574E+010.4215E-02	483.91	0.9396E+01	2.23	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4665.00	152.57	
118.00	0.1363E+010.3544E-02	495.09	0.8016E+01	2.15	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4715.00	155.14	
120.00	0.1214E+010.3078E-02	504.83	0.6865E+01	2.13	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4754.00	157.47	
122.00	0.1117E+010.2774E-02	512.86	0.5902E+01	2.19	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4790.00	159.66	
124.00	0.1070E+010.2609E-02	520.39	0.5095E+01	2.33	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4829.00	161.73	
126.00	0.9989E+000.2389E-02	528.48	0.4415E+01	2.41	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06			

SUMMARY TABLE FOR BODY POINT 7653
XB= 459.6 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2327E+000.1718E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	1.16
15.00	0.3878E+000.2659E-01		124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.72
20.00	0.5422E+000.3425E-01		126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	5.04
25.00	0.6879E+000.4037E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	8.12
30.00	0.8294E+000.4494E-01		128.86	0.1500E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	11.91
35.00	0.8807E+000.4626E-01		129.44	0.1304E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	16.18
40.00	0.9269E+000.4649E-01		130.34	0.1130E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	20.70
45.00	0.9270E+000.4557E-01		130.74	0.9776E+03	1.00	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	25.34
50.00	0.8447E+000.4266E-01		130.20	0.8182E+03	1.00	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	29.77
55.00	0.7918E+000.3925E-01		130.57	0.6653E+03	1.00	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	33.86
60.00	0.7799E+000.3526E-01		132.52	0.5302E+03	0.99	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	37.79
62.00	0.8035E+000.3340E-01		134.46	0.4803E+03	0.99	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	39.37
64.00	0.8560E+000.3170E-01		137.40	0.4358E+03	0.98	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	41.03
66.00	0.9153E+000.2983E-01		141.09	0.3917E+03	0.98	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	42.80
68.00	0.9755E+000.2795E-01		145.30	0.3510E+03	0.97	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	44.69
70.00	0.1031E+010.2600E-01		150.07	0.3119E+03	0.97	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	46.70
72.00	0.1082E+010.2403E-01		155.41	0.2762E+03	0.96	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	48.81
74.00	0.1133E+010.2217E-01		161.50	0.2435E+03	0.96	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	51.03
76.00	0.1185E+010.2035E-01		168.62	0.2138E+03	0.96	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	53.34
78.00	0.1228E+010.1855E-01		176.61	0.1864E+03	0.95	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	55.76
80.00	0.1258E+010.1665E-01		185.96	0.1609E+03	0.95	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	58.24
82.00	0.1293E+010.1516E-01		195.72	0.1398E+03	0.95	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	60.80
84.00	0.1352E+010.1405E-01		206.61	0.1220E+03	0.98	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	63.44
86.00	0.1411E+010.1308E-01		218.30	0.1064E+03	1.01	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	66.20
88.00	0.1452E+010.1206E-01		230.88	0.9218E+02	1.03	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	69.07
90.00	0.1445E+010.1081E-01		244.13	0.7962E+02	1.03	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	71.97
92.00	0.1412E+010.9563E-02		258.01	0.6862E+02	1.03	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	74.82
94.00	0.1367E+010.8418E-02		272.77	0.5910E+02	1.01	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	77.60
96.00	0.1309E+010.7353E-02		288.45	0.5072E+02	1.00	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	80.28
98.00	0.1201E+010.6162E-02		305.31	0.4340E+02	0.95	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	82.79
100.00	0.1174E+010.5496E-02		324.11	0.3703E+02	0.96	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	85.16
102.00	0.1075E+010.4617E-02		343.13	0.3155E+02	0.92	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	87.41
104.00	0.9436E+000.3724E-02		363.77	0.2692E+02	0.84	3.86	-1.61	3.62	0.4373E+06	0.9864E+05	3850.00	89.43
106.00	0.8999E+000.3276E-02		385.10	0.2293E+02	0.85	3.98	-1.63	3.09	0.3779E+06	0.1023E+06	3995.00	91.27
108.00	0.8529E+000.2868E-02		407.77	0.1952E+02	0.85	4.11	-1.65	3.03	0.3264E+06	0.1061E+06	4143.00	93.03
110.00	0.8125E+000.2532E-02		431.35	0.1663E+02	0.86	4.23	-1.70	3.30	0.2814E+06	0.1099E+06	4293.00	94.69
112.00	0.8763E+000.2550E-02		454.09	0.1406E+02	0.99	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	96.38
114.00	0.9348E+000.2047E-02		471.73	0.1202E+02	1.04	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	98.19
116.00	0.7641E+000.2587E-02		484.51	0.1032E+02	1.04	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	99.89
118.00	0.6299E+000.1635E-02		495.62	0.8686E+01	0.96	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	101.28
120.00	0.5208E+000.1319E-02		505.33	0.7411E+01	0.89	4.52	-1.50	4.49	0.1244E+06	0.1290E+06	4715.00	102.44
122.00	0.5285E+000.1311E-02		513.47	0.6469E+01	1.00	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	103.48
124.00	0.5425E+000.1321E-02		521.26	0.5764E+01	1.11	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	104.56
126.00	0.5254E+000.1253E-02		529.60	0.5126E+01	1.17	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	105.62

SUMMARY TABLE FOR BODY POINT 7654
XB= 459.0 THETAB= 104.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2328E+000	0.1719E-01	123.94	0.2027E+04	1.00	0.16	0.11	-0.29	0.1126E+07	0.1350E+04	183.10	1.16
15.00	0.3879E+000	0.2660E-01	124.99	0.1921E+04	1.00	0.27	1.36	-1.62	0.1788E+07	0.2823E+04	306.30	2.72
20.00	0.5423E+000	0.3426E-01	126.23	0.1821E+04	1.00	0.39	2.61	-2.94	0.2391E+07	0.4296E+04	429.50	5.04
25.00	0.6882E+000	0.4038E-01	127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	8.12
30.00	0.8301E+000	0.4498E-01	128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	11.91
35.00	0.8811E+000	0.4629E-01	129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	16.19
40.00	0.9268E+000	0.4650E-01	130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	20.71
45.00	0.9187E+000	0.4538E-01	130.64	0.9490E+03	1.00	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	25.33
50.00	0.8561E+000	0.4258E-01	130.50	0.7859E+03	1.01	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	29.76
55.00	0.8048E+000	0.3934E-01	130.86	0.6387E+03	1.02	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	33.91
60.00	0.8022E+000	0.3582E-01	132.80	0.5094E+03	1.03	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	37.93
62.00	0.8335E+000	0.3425E-01	134.74	0.4624E+03	1.03	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	39.57
64.00	0.8814E+000	0.3280E-01	137.27	0.4179E+03	1.04	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	41.28
66.00	0.9569E+000	0.3131E-01	140.96	0.3759E+03	1.05	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	43.12
68.00	0.1034E+010	0.2974E-01	145.18	0.3367E+03	1.06	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	45.11
70.00	0.1166E+010	0.2822E-01	149.95	0.3001E+03	1.08	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	47.26
72.00	0.1199E+010	0.2709E-01	155.30	0.2663E+03	1.09	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	49.58
74.00	0.1300E+010	0.2549E-01	161.39	0.2352E+03	1.13	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	52.00
76.00	0.1442E+010	0.2470E-01	168.80	0.2068E+03	1.19	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	54.82
78.00	0.1613E+010	0.2440E-01	176.52	0.1812E+03	1.28	2.32	0.79	-3.01	0.2152E+07	0.5681E+05	2206.00	57.87
80.00	0.1766E+010	0.2339E-01	185.90	0.1580E+03	1.35	2.42	0.94	-3.46	0.1941E+07	0.5957E+05	2313.00	61.25
82.00	0.1809E+010	0.2122E-01	195.67	0.1377E+03	1.35	2.53	0.41	-3.46	0.1755E+07	0.6241E+05	2423.00	64.83
84.00	0.1846E+010	0.1921E-01	206.54	0.1195E+03	1.35	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	68.48
86.00	0.1930E+010	0.1790E-01	218.18	0.1034E+03	1.40	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	72.26
88.00	0.2007E+010	0.1668E-01	230.71	0.8903E+02	1.46	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	76.20
90.00	0.2016E+010	0.1510E-01	243.95	0.7657E+02	1.48	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	80.22
92.00	0.2168E+010	0.1471E-01	257.80	0.6573E+02	1.62	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	84.40
94.00	0.2372E+010	0.1463E-01	272.54	0.5651E+02	1.81	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	88.94
96.00	0.2556E+010	0.1373E-01	288.20	0.4834E+02	2.01	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	93.87
98.00	0.2894E+010	0.1384E-01	305.04	0.4124E+02	2.19	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	99.12
100.00	0.2930E+010	0.1373E-01	323.80	0.3504E+02	2.48	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	104.75
102.00	0.3041E+010	0.1308E-01	342.81	0.2977E+02	2.70	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	110.72
104.00	0.3022E+010	0.1195E-01	363.41	0.2527E+02	2.82	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	116.78
106.00	0.3052E+010	0.1113E-01	384.72	0.2143E+02	3.01	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	122.85
108.00	0.2916E+010	0.9818E-02	407.35	0.1816E+02	3.05	4.11	-0.95	-3.30	0.3264E+06	0.1061E+06	4143.00	128.82
110.00	0.2777E+010	0.8665E-02	430.88	0.1538E+02	3.09	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	134.51
112.00	0.2857E+010	0.8323E-02	453.63	0.1303E+02	3.41	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	140.15
114.00	0.2828E+010	0.7837E-02	471.20	0.1105E+02	3.70	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	145.83
116.00	0.2420E+010	0.6479E-02	483.91	0.9396E+01	3.51	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	151.08
118.00	0.2244E+010	0.5833E-02	495.09	0.8016E+01	3.62	4.50	0.74	-4.93	0.1470E+06	0.1252E+06	4665.00	155.74
120.00	0.2061E+010	0.5225E-02	504.83	0.6865E+01	3.70	4.52	1.44	-4.49	0.1244E+06	0.1290E+06	4715.00	160.05
122.00	0.1937E+010	0.4813E-02	512.86	0.5902E+01	3.88	4.52	1.53	-5.14	0.1054E+06	0.1327E+06	4754.00	164.05
124.00	0.1767E+010	0.4310E-02	520.39	0.5095E+01	3.94	4.53	1.18	-6.11	0.8965E+05	0.1364E+06	4790.00	167.75
126.00	0.1567E+010	0.3748E-02	528.48	0.4415E+01	3.87	4.54	0.74	-6.47	0.7667E+05	0.1400E+06	4829.00	171.08

SUMMARY TABLE FOR BODY POINT 7655
XB= 448.0 THETAB= 73.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2342E+000	0.1729E-01	123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.17
15.00	0.3901E+000	0.2675E-01	124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.73
20.00	0.5453E+000	0.3445E-01	126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	5.07
25.00	0.6919E+000	0.4060E-01	127.44	0.1653E+04	1.00	0.51	-0.32	-2.38	0.2933E+07	0.6939E+04	569.50	8.16
30.00	0.8346E+000	0.4523E-01	128.85	0.1498E+04	1.00	0.65	-3.24	-1.81	0.3401E+07	0.9582E+04	709.40	11.98
35.00	0.8859E+000	0.4654E-01	129.44	0.1302E+04	1.00	0.77	-3.02	-1.41	0.3647E+07	0.1330E+05	837.30	16.28
40.00	0.9320E+000	0.4675E-01	130.33	0.1129E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	20.83
45.00	0.9386E+000	0.4624E-01	130.70	0.9638E+03	1.01	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	25.50
50.00	0.9388E+000	0.4670E-01	130.50	0.7859E+03	1.10	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	30.20
55.00	0.9470E+000	0.4629E-01	130.86	0.6387E+03	1.19	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	34.91
60.00	0.1009E+010	0.4504E-01	132.80	0.5094E+03	1.29	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	39.80
62.00	0.1076E+010	0.4422E-01	134.74	0.4624E+03	1.33	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	41.88
66.00	0.1300E+010	0.4252E-01	140.96	0.3759E+03	1.42	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	46.60
68.00	0.1436E+010	0.4130E-01	145.18	0.3367E+03	1.46	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	49.34
70.00	0.1576E+010	0.3985E-01	149.95	0.3001E+03	1.51	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	52.35
72.00	0.1715E+010	0.3820E-01	155.30	0.2663E+03	1.56	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	55.64
74.00	0.1860E+010	0.3648E-01	161.39	0.2352E+03	1.60	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	59.22
76.00	0.2018E+010	0.3456E-01	168.80	0.2068E+03	1.65	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	63.09
78.00	0.2155E+010	0.3259E-01	176.52	0.1812E+03	1.70	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	67.27
80.00	0.2275E+010	0.3014E-01	185.90	0.1580E+03	1.73	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	71.70
82.00	0.2394E+010	0.2808E-01	195.67	0.1377E+03	1.77	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	76.37
84.00	0.2527E+010	0.2629E-01	206.54	0.1195E+03	1.84	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	81.29
86.00	0.2646E+010	0.2455E-01	218.18	0.1034E+03	1.91	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	86.46
88.00	0.2748E+010	0.2284E-01	230.71	0.8905E+02	1.99	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	91.86
90.00	0.2794E+010	0.2092E-01	243.95	0.7657E+02	2.04	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	97.40
92.00	0.2960E+010	0.2008E-01	257.80	0.6573E+02	2.20	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	103.15
94.00	0.3255E+010	0.2007E-01	272.54	0.5651E+02	2.47	3.22	-1.63	-2.47	0.8583E+06	0.8108E+05	3154.00	109.37
96.00	0.3548E+010	0.1996E-01	288.20	0.4834E+02	2.77	3.35	-1.62	-2.44	0.7572E+06	0.8448E+05	3286.00	116.17
100.00	0.3794E+010	0.1933E-01	305.04	0.4124E+02	3.07	3.47	-1.59	-2.25	0.6662E+06	0.8791E+05	3422.00	123.51
102.00	0.4309E+010	0.1854E-01	342.81	0.2977E+02	3.80	3.73	-1.57	-2.26	0.5054E+06	0.9500E+05	3705.00	139.86
104.00	0.4581E+010	0.1811E-01	363.41	0.2527E+02	4.25	3.86	-1.61	-3.62	0.5826E+06	0.9142E+05	3850.00	148.75
106.00	0.5082E+010	0.1852E-01	384.72	0.2143E+02	4.98	3.98	-1.63	-3.09	0.4373E+06	0.1023E+06	3995.00	158.42
108.00	0.4917E+010	0.1656E-01	407.35	0.1816E+02	5.11	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	168.41
110.00	0.4480E+010	0.1398E-01	430.88	0.1538E+02	4.96	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	177.81
112.00	0.4120E+010	0.1200E-01	453.63	0.1303E+02	4.89	4.35	-1.59	-2.62	0.2416E+06	0.1137E+06	4432.00	186.41
114.00	0.3721E+010	0.1031E-01	471.20	0.1105E+02	4.84	4.42	-1.72	-3.49	0.2055E+06	0.1176E+06	4535.00	194.25
116.00	0.3512E+010	0.9402E-02	483.91	0.9396E+01	5.06	4.47	-1.89	-2.79	0.1738E+06	0.1214E+06	4605.00	201.49
118.00	0.2998E+010	0.7794E-02	495.09	0.8016E+01	4.81	4.50	-1.58	-2.47	0.1470E+06	0.1252E+06	4665.00	208.00
120.00	0.2611E+010	0.6619E-02	504.83	0.6865E+01	4.66	4.52	-1.50	-2.24	0.1244E+06	0.1290E+06	4715.00	213.60
122.00	0.2464E+010	0.6124E-02	512.86	0.5902E+01	4.91	4.52	-1.80	-2.57	0.1054E+06	0.1327E+06	4754.00	218.68
124.00	0.2380E+010	0.5805E-02	520.39	0.5095E+01	5.27	4.53	-2.46	-3.05	0.8965E+05	0.1364E+06	4790.00	223.52
126.00	0.2144E+010	0.5129E-02	528.48	0.4415E+01	5.26	4.54	-3.00	-3.24	0.7667E+05	0.1400E+06	4829.00	228.05

SUMMARY TABLE FOR BODY POINT 7656
XB= 419.8 THETAB= 92.0

TRAJ. TIME (SEC)	DESIGN HTG RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2380E+000.1757E-01	123.94	0.2027E+04	1.00	0.16	0.11	-0.29	0.1126E+07	0.1350E+04	183.10	1.19	
15.00	0.3963E+000.2717E-01	124.99	0.1921E+04	1.00	0.27	1.36	-1.62	0.1788E+07	0.2823E+04	306.30	2.78	
20.00	0.5538E+000.3499E-01	126.23	0.1821E+04	1.00	0.39	2.61	-2.94	0.2391E+07	0.4296E+04	429.50	5.15	
25.00	0.7026E+000.4123E-01	127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	8.29	
30.00	0.8474E+000.4592E-01	128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	12.17	
35.00	0.8994E+000.4725E-01	129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	16.53	
40.00	0.9461E+000.4747E-01	130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	21.15	
45.00	0.9737E+000.4802E-01	130.68	0.9579E+03	1.04	1.02	-2.61	1.87	0.3821E+07	0.2131E+05	1073.00	25.95	
50.00	0.1098E+010.5463E-01	130.50	0.7859E+03	1.27	1.15	-2.76	0.00	0.3759E+07	0.2584E+05	1183.00	31.13	
55.00	0.1250E+010.6111E-01	130.86	0.6387E+03	1.55	1.29	-2.82	0.00	0.3657E+07	0.3059E+05	1301.00	37.00	
60.00	0.1515E+010.6765E-01	132.80	0.5094E+03	1.90	1.46	-2.28	0.00	0.3496E+07	0.3556E+05	1435.00	43.91	
62.00	0.1709E+010.7022E-01	134.74	0.4624E+03	2.07	1.53	-1.85	0.00	0.3395E+07	0.3763E+05	1497.00	47.14	
64.00	0.1969E+010.7326E-01	137.27	0.4179E+03	2.28	1.62	-1.43	0.00	0.3282E+07	0.3975E+05	1569.00	50.81	
66.00	0.2323E+010.7602E-01	140.96	0.3759E+03	2.50	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	55.11	
68.00	0.2725E+010.7835E-01	145.18	0.3367E+03	2.74	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	60.15	
70.00	0.3174E+010.8023E-01	149.95	0.3001E+03	2.99	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	66.05	
72.00	0.3671E+010.8176E-01	155.30	0.2663E+03	3.28	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	72.90	
74.00	0.4233E+010.8301E-01	161.39	0.2352E+03	3.59	2.10	0.05	0.00	0.2515E+07	0.5153E+05	1999.00	80.80	
76.00	0.4861E+010.8324E-01	168.80	0.2068E+03	3.92	2.21	-0.28	0.00	0.2341E+07	0.5413E+05	2100.00	89.90	
78.00	0.5510E+010.8333E-01	176.52	0.1812E+03	4.27	2.32	0.16	0.00	0.2152E+07	0.5681E+05	2206.00	100.27	
80.00	0.6171E+010.8174E-01	185.90	0.1580E+03	4.61	2.42	-0.05	0.00	0.1941E+07	0.5957E+05	2313.00	111.95	
82.00	0.6811E+010.7988E-01	195.67	0.1377E+03	4.96	2.53	0.12	0.00	0.1755E+07	0.6241E+05	2423.00	124.93	
84.00	0.7443E+010.7742E-01	206.54	0.1195E+03	5.33	2.64	-0.34	0.00	0.1574E+07	0.6532E+05	2539.00	139.18	
86.00	0.7989E+010.7413E-01	218.18	0.1034E+03	5.68	2.75	-0.89	0.00	0.1402E+07	0.6831E+05	2656.00	154.61	
88.00	0.8534E+010.7093E-01	230.71	0.8905E+02	6.07	2.87	-1.16	0.00	0.1244E+07	0.7139E+05	2777.00	171.14	
90.00	0.9041E+010.6770E-01	243.95	0.7657E+02	6.49	2.98	-1.13	0.00	0.1100E+07	0.7454E+05	2901.00	188.71	
92.00	0.9566E+010.6490E-01	257.80	0.6573E+02	6.99	3.10	-1.07	0.00	0.9720E+06	0.7777E+05	3025.00	207.32	
94.00	0.1017E+020.6275E-01	272.54	0.5551E+02	7.60	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	227.06	
96.00	0.1094E+020.6151E-01	288.20	0.4834E+02	8.41	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	248.17	
98.00	0.1170E+020.6013E-01	305.04	0.4124E+02	9.32	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	270.81	
100.00	0.1249E+020.5853E-01	323.80	0.3504E+02	10.33	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	295.00	
102.00	0.1298E+020.5585E-01	342.81	0.2977E+02	11.26	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	320.47	
104.00	0.1314E+020.5193E-01	363.41	0.2527E+02	11.98	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	346.59	
106.00	0.1321E+020.4816E-01	384.72	0.2143E+02	12.74	3.98	-0.84	-3.09	0.3779E+06	0.1033E+06	3995.00	372.94	
108.00	0.1257E+020.4234E-01	407.35	0.1816E+02	12.85	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	398.73	
110.00	0.1188E+020.3707E-01	430.88	0.1538E+02	12.92	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	423.18	
112.00	0.1186E+020.3456E-01	453.63	0.1303E+02	13.85	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	446.93	
114.00	0.1169E+020.3241E-01	471.20	0.1105E+02	14.93	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	470.48	
116.00	0.1035E+020.2770E-01	483.91	0.9396E+01	14.65	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	492.52	
118.00	0.9343E+010.2429E-01	495.09	0.8016E+01	14.71	4.50	0.74	-4.93	0.1470E+06	0.1252E+06	4665.00	512.21	
120.00	0.8414E+010.2133E-01	504.83	0.6865E+01	14.76	4.52	1.44	-4.49	0.1244E+06	0.1290E+06	4715.00	529.97	
122.00	0.7787E+010.1935E-01	512.86	0.5002E+01	15.23	4.52	1.53	-5.14	0.1054E+06	0.1327E+06	4754.00	546.17	
124.00	0.7206E+010.1758E-01	520.39	0.5095E+01	15.68	4.53	1.18	-6.11	0.8965E+05	0.1364E+06	4790.00	561.16	
126.00	0.6491E+010.1552E-01	528.48	0.4415E+01	15.64	4.54	0.74	-6.47	0.7667E+05	0.1400E+06	4829.00	574.86	

SUMMARY TABLE FOR BODY POINT 7682
XB= 511.0 THETAB= 270.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2265E+000.1672E-01	123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	1.13	
15.00	0.3778E+000.2590E-01	124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2833E+04	306.30	2.64	
20.00	0.5284E+000.3338E-01	126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.91	
25.00	0.6707E+000.3936E-01	127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	7.91	
30.00	0.8091E+000.4385E-01	128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	11.61	
35.00	0.8589E+000.4512E-01	129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	15.78	
40.00	0.9035E+000.4533E-01	130.33	0.1128E+04	1.00	0.90	-2.79	-2.02	0.3827E+07	0.1702E+05	965.30	20.18	
45.00	0.8952E+000.4415E-01	130.68	0.9584E+03	1.00	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	24.68	
50.00	0.8036E+000.3997E-01	130.50	0.7859E+03	0.97	1.15	-2.76	2.02	0.3759E+07	0.2584E+05	1183.00	28.93	
55.00	0.7333E+000.3628E-01	130.61	0.6491E+03	0.96	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	32.77	
60.00	0.7420E+000.3346E-01	132.58	0.5188E+03	0.98	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	36.46	
62.00	0.7927E+000.3284E-01	134.54	0.4701E+03	1.01	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	37.99	
64.00	0.8715E+000.3236E-01	137.33	0.4255E+03	1.04	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	39.66	
66.00	0.9731E+000.3178E-01	141.02	0.3835E+03	1.08	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	41.50	
68.00	0.1088E+010.3122E-01	145.24	0.3440E+03	1.13	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	43.56	
70.00	0.1200E+010.3027E-01	150.03	0.3074E+03	1.17	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	45.85	
72.00	0.1316E+010.2925E-01	155.38	0.2734E+03	1.21	1.99	-0.26	-1.94	0.2681E+07	0.4903E+05	1904.00	48.36	
74.00	0.1463E+010.2863E-01	161.49	0.2425E+03	1.27	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	51.14	
76.00	0.1620E+010.2784E-01	168.60	0.2144E+03	1.34	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	54.23	
78.00	0.1815E+010.2740E-01	176.66	0.1891E+03	1.43	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2206.00	57.66	
80.00	0.1981E+010.2618E-01	186.08	0.1665E+03	1.50	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	61.46	
82.00	0.2000E+010.2338E-01	195.93	0.1483E+03	1.45	2.53	0.41	-3.46	0.1755E+07	0.6241E+05	2423.00	65.44	
84.00	0.1924E+010.1994E-01	206.91	0.1322E+03	1.35	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	69.36	
86.00	0.1841E+010.1700E-01	218.71	0.1183E+03	1.25	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	73.13	
88.00	0.1810E+010.1496E-01	231.42	0.1049E+03	1.21	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	76.78	
90.00	0.1827E+010.1168E-01	244.73	0.9103E+02	1.23	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	80.42	
92.00	0.1909E+010.1288E-01	258.65	0.7857E+02	1.30	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	84.15	
94.00	0.2024E+010.1242E-01	273.45	0.6787E+02	1.41	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	88.09	
96.00	0.2087E+010.1168E-01	289.17	0.5850E+02	1.48	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	92.20	
98.00	0.2159E+010.1104E-01	305.98	0.4948E+02	1.60	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	96.44	
100.00	0.2239E+010.1044E-01	324.90	0.4305E+02	1.69	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	100.84	
102.00	0.2245E+010.9615E-02	343.91	0.3653E+02	1.78	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	105.33	
104.00	0.2154E+010.8485E-02	364.29	0.2956E+02	1.86	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	109.73	
106.00	0.2076E+010.7546E-02	385.46	0.2435E+02	1.93	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	113.96	
108.00	0.1964E+010.6597E-02	408.13	0.2068E+02	1.93	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	118.00	
110.00	0.1871E+010.5820E-02	431.83	0.1800E+02	1.92	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	121.83	
112.00	0.2005E+010.5808E-02	455.53	0.1773E+02	1.99	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	125.71	
114.00	0.2182E+010.5999E-02	474.14	0.1754E+02	2.14	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	129.89	
116.00	0.1850E+010.4947E-02	486.15	0.1326E+02	2.19	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	133.93	
118.00	0.1799E+010.4653E-02	497.06	0.1083E+02	2.43	4.50	0.74	-4.93	0.1470E+06	0.1252E+06	4665.00	137.59	
120.00	0.1718E+010.4336E-02	506.60	0.8984E+01	2.64	4.52	1.44	-4.49	0.1244E+06	0.1290E+06	4715.00	141.11	
122.00	0.1640E+010.4053E-02	514.99	0.8116E+01	2.72	4.52	1.53	-5.14	0.1054E+06	0.1327E+06	4754.00	144.47	
124.00	0.1524E+010.3693E-02	523.10	0.7536E+01	2.67	4.53	1.18	-6.11	0.8965E+05	0.1364E+06	4790.00	147.63	
126.00	0.1333E+010.3165E-02	531.54	0.6780E+01	2.53	4.54	0.74	-6.47	0.7667E+05	0.1400E+06	4829.00	150.49	

SUMMARY TABLE FOR BODY POINT 8440
XB= 544.0 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2226E+000.1644E-01	123.94	0.2226E+000.1644E-01	0.1927E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.11
15.00	0.3715E+000.2547E-01	124.99	0.1249E+000.2547E-01	0.1821E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.60
20.00	0.5197E+000.3284E-01	126.23	0.1262E+000.3284E-01	0.1653E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	4.83
25.00	0.6598E+000.3872E-01	127.44	0.1274E+000.3872E-01	0.1498E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	7.78
30.00	0.7961E+000.4314E-01	128.85	0.1288E+000.4314E-01	0.1302E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	11.42
35.00	0.8451E+000.4440E-01	129.44	0.1294E+000.4440E-01	0.1128E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	15.52
40.00	0.8890E+000.4460E-01	130.33	0.1303E+000.4460E-01	0.9584E+03	0.99	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	19.85
45.00	0.8727E+000.4304E-01	130.68	0.1306E+000.4304E-01	0.7859E+03	0.93	1.02	-2.61	1.87	0.3821E+07	0.2131E+05	1073.00	24.26
50.00	0.7574E+000.3768E-01	130.50	0.1305E+000.3768E-01	0.6387E+03	0.88	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	28.33
55.00	0.6643E+000.3247E-01	130.86	0.1308E+000.3247E-01	0.5094E+03	0.82	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	31.89
60.00	0.6131E+000.2737E-01	132.80	0.1328E+000.2737E-01	0.4624E+03	0.80	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	35.08
62.00	0.6168E+000.2534E-01	134.74	0.1347E+000.2534E-01	0.4179E+03	0.78	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	36.31
64.00	0.6294E+000.2342E-01	137.27	0.1372E+000.2342E-01	0.3759E+03	0.75	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1569.00	37.56
66.00	0.6576E+000.2152E-01	140.96	0.1409E+000.2152E-01	0.3367E+03	0.73	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1647.00	38.84
68.00	0.6840E+000.1967E-01	145.18	0.1451E+000.1967E-01	0.3001E+03	0.71	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1729.00	40.19
70.00	0.7084E+000.1791E-01	149.95	0.1499E+000.1791E-01	0.2663E+03	0.69	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1814.00	41.58
72.00	0.7287E+000.1623E-01	155.30	0.1553E+000.1623E-01	0.2352E+03	0.68	2.10	-2.41	-2.12	0.2515E+07	0.5133E+05	1904.00	43.02
74.00	0.7470E+000.1465E-01	161.39	0.1613E+000.1465E-01	0.2068E+03	0.66	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	1999.00	44.49
76.00	0.7663E+000.1312E-01	168.80	0.1688E+000.1312E-01	0.1812E+03	0.64	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2100.00	46.00
78.00	0.7770E+000.1175E-01	176.52	0.1765E+000.1175E-01	0.1580E+03	0.63	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2206.00	47.55
80.00	0.7848E+000.1039E-01	185.90	0.1859E+000.1039E-01	0.1377E+03	0.62	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2313.00	49.11
82.00	0.7936E+000.9307E-02	195.67	0.1956E+000.9307E-02	0.1195E+03	0.62	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2423.00	50.69
84.00	0.8049E+000.7468E-02	206.54	0.2065E+000.7468E-02	0.1034E+03	0.61	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2539.00	52.29
86.00	0.8093E+000.5775E-02	218.18	0.2181E+000.5775E-02	0.8905E+02	0.60	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2656.00	53.90
88.00	0.7928E+000.5590E-02	230.71	0.2307E+000.5590E-02	0.7657E+02	0.59	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2777.00	55.49
90.00	0.7914E+000.5369E-02	243.95	0.2439E+000.5369E-02	0.6573E+02	0.62	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	2901.00	57.06
92.00	0.8180E+000.5045E-02	257.80	0.2578E+000.5045E-02	0.5651E+02	0.65	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3025.00	58.62
94.00	0.8354E+000.4698E-02	272.54	0.2725E+000.4698E-02	0.4834E+02	0.69	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3154.00	60.23
96.00	0.8423E+000.4328E-02	288.20	0.2882E+000.4328E-02	0.4124E+02	0.72	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3286.00	61.88
98.00	0.8625E+000.4042E-02	305.04	0.3050E+000.4042E-02	0.3504E+02	0.76	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3422.00	63.56
100.00	0.8676E+000.3733E-02	323.80	0.3238E+000.3733E-02	0.2977E+02	0.81	3.73	-0.82	0.00	0.5054E+06	0.9500E+05	3566.00	65.27
102.00	0.8751E+000.3459E-02	342.81	0.3428E+000.3459E-02	0.2527E+02	0.85	3.86	-0.82	0.00	0.4373E+06	0.9854E+05	3705.00	67.00
104.00	0.8750E+000.3190E-02	363.41	0.3634E+000.3190E-02	0.2143E+02	0.90	3.98	-0.84	0.00	0.3779E+06	0.1023E+06	3850.00	68.74
106.00	0.8322E+000.2802E-02	407.35	0.4073E+000.2802E-02	0.1816E+02	0.91	4.11	-0.89	0.00	0.3264E+06	0.1061E+06	3995.00	70.49
108.00	0.7804E+000.2435E-02	430.88	0.4308E+000.2435E-02	0.1538E+02	0.91	4.23	-0.95	0.00	0.2814E+06	0.1099E+06	4143.00	72.20
110.00	0.7288E+000.2123E-02	453.63	0.4536E+000.2123E-02	0.1303E+02	0.91	4.35	-0.81	0.00	0.2416E+06	0.1137E+06	4293.00	73.81
112.00	0.6703E+000.1858E-02	471.20	0.4712E+000.1858E-02	0.1105E+02	0.92	4.47	-0.51	0.00	0.2055E+06	0.1176E+06	4432.00	75.32
114.00	0.6101E+000.1633E-02	483.91	0.4839E+000.1633E-02	0.9396E+01	0.93	4.50	-0.05	0.00	0.1738E+06	0.1214E+06	4535.00	76.72
116.00	0.5447E+000.1416E-02	495.09	0.4950E+000.1416E-02	0.8016E+01	0.92	4.52	0.16	0.00	0.1470E+06	0.1252E+06	4605.00	78.00
118.00	0.4922E+000.1248E-02	504.83	0.5048E+000.1248E-02	0.6865E+01	0.93	4.52	-0.03	0.00	0.1244E+06	0.1290E+06	4665.00	79.15
120.00	0.4400E+000.1093E-02	512.86	0.5128E+000.1093E-02	0.5902E+01	0.93	4.52	-0.14	0.00	0.1054E+06	0.1327E+06	4715.00	80.19
122.00	0.3985E+000.9693E-03	521.48	0.5214E+000.9693E-03	0.5193E+01	0.84	4.53	-2.46	3.05	0.0965E+05	0.1364E+06	4754.00	81.12
124.00	0.3739E+000.8918E-03	529.73	0.5297E+000.8918E-03	0.5231E+01	0.87	4.54	-3.00	3.24	0.7667E+05	0.1400E+06	4790.00	81.96
126.00												82.73

SUMMARY TABLE FOR BODY POINT 8441
XB= 544.0 THETAB= 135.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2226E+000.1644E-01		123.94	0.2027E+04	1.00	0.16	0.11	-0.29	0.1126E+07	0.1350E+04	183.10	1.11
15.00	0.3715E+000.2547E-01		124.99	0.1921E+04	1.00	0.27	1.36	-1.62	0.1788E+07	0.2823E+04	306.30	2.60
20.00	0.5197E+000.3284E-01		126.23	0.1821E+04	1.00	0.39	2.61	-2.94	0.2391E+07	0.4296E+04	429.50	4.83
25.00	0.6598E+000.3872E-01		127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	7.78
30.00	0.7961E+000.4314E-01		128.85	0.1498E+04	1.00	0.65	-3.24	1.81	0.3401E+07	0.9582E+04	709.40	11.42
35.00	0.8451E+000.4440E-01		129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	15.52
40.00	0.8888E+000.4460E-01		130.33	0.1127E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	19.85
45.00	0.8674E+000.4285E-01		130.64	0.9490E+03	0.99	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	24.24
50.00	0.7383E+000.3673E-01		130.50	0.7859E+03	0.91	1.15	-2.76	-2.12	0.3759E+07	0.2584E+05	1183.00	28.26
55.00	0.6318E+000.3089E-01		130.86	0.6387E+03	0.83	1.29	-2.82	-2.02	0.3657E+07	0.3059E+05	1301.00	31.68
60.00	0.5960E+000.2661E-01		132.80	0.5094E+03	0.80	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	34.75
62.00	0.6194E+000.2545E-01		134.74	0.4624E+03	0.80	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	35.97
64.00	0.6552E+000.2438E-01		137.27	0.4179E+03	0.81	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	37.24
66.00	0.7102E+000.2324E-01		140.96	0.3759E+03	0.81	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	38.61
68.00	0.7714E+000.2218E-01		145.18	0.3367E+03	0.83	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	40.09
70.00	0.8259E+000.2088E-01		149.95	0.3001E+03	0.83	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	41.69
72.00	0.8796E+000.1959E-01		155.30	0.2663E+03	0.84	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	43.39
74.00	0.9483E+000.1860E-01		161.39	0.2352E+03	0.86	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	45.22
76.00	0.1021E+010.1749E-01		168.80	0.2068E+03	0.88	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	47.19
78.00	0.1106E+010.1672E-01		176.52	0.1812E+03	0.91	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2206.00	49.32
80.00	0.1171E+010.1551E-01		185.90	0.1580E+03	0.93	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	51.59
82.00	0.1138E+010.1335E-01		195.67	0.1377E+03	0.89	2.53	0.41	-3.46	0.1755E+07	0.6241E+05	2423.00	53.90
84.00	0.1051E+010.1093E-01		206.54	0.1195E+03	0.80	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	56.09
86.00	0.9613E+000.8919E-02		218.18	0.1034E+03	0.73	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	58.10
88.00	0.9077E+000.7545E-02		230.71	0.8905E+02	0.69	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	59.97
90.00	0.8918E+000.6678E-02		243.95	0.7657E+02	0.68	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	61.77
92.00	0.9072E+000.6155E-02		257.80	0.6573E+02	0.71	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	63.57
94.00	0.9361E+000.5774E-02		272.54	0.5651E+02	0.75	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	65.41
96.00	0.9370E+000.5270E-02		288.20	0.4834E+02	0.77	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	67.29
98.00	0.9513E+000.4888E-02		305.04	0.4124E+02	0.81	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	69.18
100.00	0.9472E+000.4439E-02		323.80	0.3504E+02	0.84	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	71.07
102.00	0.9304E+000.4003E-02		342.81	0.2977E+02	0.86	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	72.95
104.00	0.9036E+000.3571E-02		363.41	0.2527E+02	0.88	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	74.79
106.00	0.8698E+000.3171E-02		384.72	0.2143E+02	0.90	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	76.56
108.00	0.8190E+000.2758E-02		407.35	0.1816E+02	0.90	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	78.25
110.00	0.7655E+000.2388E-02		430.88	0.1538E+02	0.89	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	79.83
112.00	0.7382E+000.2151E-02		453.63	0.1303E+02	0.93	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	81.34
114.00	0.7223E+000.2002E-02		471.20	0.1105E+02	0.99	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	82.80
116.00	0.6668E+000.1785E-02		483.91	0.9396E+01	1.02	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	84.19
118.00	0.6659E+000.1731E-02		495.09	0.8016E+01	1.13	4.50	0.74	-4.93	0.1470E+06	0.1252E+06	4665.00	85.52
120.00	0.6501E+000.1648E-02		504.83	0.6865E+01	1.23	4.52	1.44	-4.49	0.1244E+06	0.1290E+06	4715.00	86.83
122.00	0.5992E+000.1489E-02		512.86	0.5902E+01	1.26	4.53	1.53	-5.14	0.1054E+06	0.1327E+06	4754.00	88.08
124.00	0.5293E+000.1291E-02		520.39	0.5095E+01	1.24	4.53	1.18	-6.11	0.8965E+05	0.1364E+06	4790.00	89.21
126.00	0.4520E+000.1081E-02		528.48	0.4415E+01	1.17	4.54	0.74	-6.47	0.7667E+05	0.1400E+06	4829.00	90.19

SUMMARY TABLE FOR BODY POINT 8442
XB= 544.0 THETAB= 180.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2226E+000.1644E-01		123.94	0.2027E+04	1.00	0.16	-0.27	0.58	0.1126E+07	0.1350E+04	183.10	1.11
15.00	0.3715E+000.2547E-01		124.99	0.1921E+04	1.00	0.27	-0.01	3.23	0.1788E+07	0.2823E+04	306.30	2.60
20.00	0.5197E+000.3283E-01		126.23	0.1821E+04	1.00	0.39	0.48	-2.94	0.2391E+07	0.4296E+04	429.50	4.83
25.00	0.6598E+000.3872E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	7.77
30.00	0.7961E+000.4314E-01		128.85	0.1498E+04	1.00	0.65	-3.02	3.62	0.3401E+07	0.9582E+04	709.40	11.41
35.00	0.8451E+000.4440E-01		129.44	0.1302E+04	1.00	0.77	-3.24	2.82	0.3647E+07	0.1303E+05	837.30	15.52
40.00	0.8888E+000.4450E-01		130.33	0.1177E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	19.85
45.00	0.8760E+000.4327E-01		130.64	0.9490E+03	1.00	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	24.26
50.00	0.7895E+000.3927E-01		130.50	0.7859E+03	0.97	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	28.43
55.00	0.7169E+000.3505E-01		130.86	0.6387E+03	0.94	1.29	-2.82	-2.12	0.3657E+07	0.3058E+05	1301.00	32.19
60.00	0.6935E+000.3097E-01		132.80	0.5094E+03	0.93	1.46	-2.28	-2.06	0.3496E+07	0.3568E+05	1435.00	35.72
62.00	0.7158E+000.2941E-01		134.74	0.4624E+03	0.93	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	37.13
64.00	0.7516E+000.2797E-01		137.27	0.4179E+03	0.93	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	38.60
66.00	0.8090E+000.2647E-01		140.96	0.3759E+03	0.93	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	40.16
68.00	0.8686E+000.2498E-01		145.18	0.3367E+03	0.93	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	41.84
70.00	0.9255E+000.2340E-01		149.95	0.3001E+03	0.93	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	43.63
72.00	0.9799E+000.2162E-01		155.30	0.2663E+03	0.93	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	45.54
74.00	0.1039E+010.2038E-01		161.39	0.2354E+03	0.94	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	47.55
76.00	0.1106E+010.1895E-01		168.77	0.2079E+03	0.95	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	49.70
78.00	0.1176E+010.1778E-01		176.56	0.1835E+03	0.96	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2206.00	51.98
80.00	0.1236E+010.1635E-01		185.96	0.1606E+03	0.97	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	54.39
82.00	0.1282E+010.1333E-01		206.54	0.1388E+03	0.98	2.53	0.41	-3.46	0.1755E+07	0.6241E+05	2423.00	56.89
84.00	0.1311E+010.1481E-01		218.18	0.1034E+03	1.00	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	59.44
86.00	0.1337E+010.1111E-01		230.71	0.8905E+02	1.02	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	64.68
90.00	0.1325E+010.9922E-02		243.95	0.7657E+02	1.02	2.98	-1.13	-5.00	0.1100E+07	0.7454E+05	2901.00	67.34
92.00	0.1261E+010.8554E-02		257.80	0.6573E+02	0.99	3.10	-0.96	-4.94	0.09720E+06	0.7777E+05	3025.00	69.93
94.00	0.1196E+010.7374E-02		272.54	0.5651E+02	0.95	3.22	-0.82	-4.72	0.08583E+06	0.8108E+05	3154.00	72.38
96.00	0.1116E+010.6275E-02		288.20	0.4834E+02	0.92	3.35	-0.85	-4.51	0.07572E+06	0.8446E+05	3286.00	74.69
98.00	0.1023E+010.5256E-02		305.04	0.4124E+02	0.87	3.47	-0.85	-4.51	0.06662E+06	0.8791E+05	3422.00	76.83
100.00	0.9694E+000.4542E-02		323.80	0.3504E+02	0.86	3.61	-0.83	-4.72	0.05826E+06	0.9142E+05	3566.00	78.83
102.00	0.8851E+000.3808E-02		342.81	0.2977E+02	0.82	3.73	-0.82	-4.52	0.05054E+06	0.9500E+05	3705.00	80.68
104.00	0.7938E+000.3137E-02		363.41	0.2527E+02	0.78	3.86	-1.61	3.62	0.04373E+06	0.9864E+05	3850.00	82.36
106.00	0.7940E+000.2894E-02		384.72	0.2143E+02	0.82	3.98	-1.63	3.09	0.03779E+06	0.1023E+06	3995.00	83.95
108.00	0.7581E+000.2553E-02		407.35	0.1816E+02	0.83	4.11	-1.65	3.03	0.03264E+06	0.1061E+06	4143.00	85.50
110.00	0.7101E+000.2216E-02		430.88	0.1538E+02	0.83	4.23	-1.70	3.30	0.02814E+06	0.1099E+06	4293.00	86.97
112.00	0.6572E+000.1915E-02		453.63	0.1303E+02	0.82	4.35	-0.81	-5.24	0.02416E+06	0.1137E+06	4432.00	88.33
114.00	0.7212E+000.1999E-02		471.20	0.1105E+02	0.99	4.42	-0.51	-6.99	0.02055E+06	0.1176E+06	4535.00	89.71
116.00	0.5993E+000.1604E-02		483.91	0.9396E+01	0.91	4.47	-0.05	-5.59	0.01738E+06	0.1214E+06	4605.00	91.03
118.00	0.5482E+000.1424E-02		495.34	0.8331E+01	0.90	4.50	0.74	-4.93	0.01470E+06	0.1252E+06	4665.00	92.18
120.00	0.5117E+000.1296E-02		505.31	0.7391E+01	0.92	4.52	1.44	-4.49	0.01244E+06	0.1290E+06	4715.00	93.24
122.00	0.4852E+000.1204E-02		513.38	0.6383E+01	0.97	4.52	1.53	-5.14	0.01054E+06	0.1327E+06	4754.00	94.24
124.00	0.4557E+000.1110E-02		520.81	0.5417E+01	1.03	4.53	1.18	-6.11	0.00965E+05	0.1364E+06	4790.00	95.18
126.00	0.4217E+000.1009E-02		528.48	0.4415E+01	1.10	4.54	-3.00	3.24	0.07667E+05	0.1400E+06	4829.00	96.06

SUMMARY TABLE FOR BODY POINT 41
XB= 620.0 THETAB= 270.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2168E+000.1600E-01	123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	1.08	
15.00	0.3620E+000.2482E-01	124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.53	
20.00	0.5067E+000.3201E-01	126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.70	
25.00	0.6434E+000.3776E-01	127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	7.58	
30.00	0.7765E+000.4208E-01	128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	11.13	
35.00	0.8244E+000.4331E-01	129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	15.13	
40.00	0.8673E+000.4351E-01	130.33	0.1128E+04	1.00	0.90	-2.79	-2.02	0.3827E+07	0.1702E+05	965.30	19.36	
45.00	0.8726E+000.4303E-01	130.68	0.9584E+03	1.01	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	23.71	
50.00	0.8591E+000.4273E-01	130.50	0.7859E+03	1.08	1.15	-4.41	2.02	0.3759E+07	0.2584E+05	1183.00	28.04	
55.00	0.8549E+000.4179E-01	130.86	0.6387E+03	1.15	1.29	-4.15	2.12	0.3657E+07	0.3059E+05	1301.00	32.32	
60.00	0.9056E+000.4084E-01	132.58	0.5188E+03	1.24	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	36.72	
62.00	0.9677E+000.4009E-01	134.54	0.4701E+03	1.28	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	38.60	
64.00	0.1062E+010.3945E-01	137.33	0.4255E+03	1.33	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	40.63	
66.00	0.1184E+010.3866E-01	141.02	0.3835E+03	1.37	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	42.87	
68.00	0.1312E+010.3766E-01	145.24	0.3440E+03	1.42	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	45.37	
70.00	0.1447E+010.3652E-01	150.03	0.3074E+03	1.47	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	48.13	
72.00	0.1586E+010.3526E-01	155.38	0.2734E+03	1.52	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	51.16	
74.00	0.1738E+010.3402E-01	161.49	0.2425E+03	1.58	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	54.49	
76.00	0.1896E+010.3257E-01	168.60	0.2144E+03	1.64	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	58.12	
78.00	0.2059E+010.3107E-01	176.66	0.1891E+03	1.70	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	62.08	
80.00	0.2224E+010.2938E-01	186.08	0.1665E+03	1.75	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	66.36	
82.00	0.2395E+010.2800E-01	195.93	0.1483E+03	1.82	2.53	0.12	-3.46	0.1755E+07	0.6241E+05	2423.00	70.98	
84.00	0.2550E+010.2642E-01	206.91	0.1322E+03	1.87	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	75.92	
86.00	0.2673E+010.2468E-01	218.71	0.1183E+03	1.90	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	81.14	
88.00	0.2777E+010.2295E-01	231.42	0.1049E+03	1.94	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	86.59	
90.00	0.2838E+010.2113E-01	244.73	0.9103E+02	1.99	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	92.21	
92.00	0.2913E+010.1965E-01	258.65	0.7857E+02	2.07	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	97.96	
94.00	0.2986E+010.1831E-01	273.45	0.6787E+02	2.17	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	103.86	
96.00	0.3024E+010.1691E-01	289.17	0.5850E+02	2.25	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	109.87	
98.00	0.3057E+010.1527E-01	305.98	0.4948E+02	2.31	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	115.88	
100.00	0.3077E+010.1425E-01	324.90	0.4305E+02	2.42	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	121.92	
102.00	0.2984E+010.1278E-01	343.91	0.3653E+02	2.48	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	127.96	
104.00	0.2713E+010.1069E-01	364.29	0.2956E+02	2.45	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	133.66	
106.00	0.2521E+010.9164E-02	385.46	0.2435E+02	2.45	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	3995.00	138.89	
108.00	0.2383E+010.8005E-02	408.13	0.2068E+02	2.46	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	143.80	
110.00	0.2314E+010.7199E-02	431.83	0.1800E+02	2.49	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	148.49	
112.00	0.2630E+010.7619E-02	455.53	0.1773E+02	2.74	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	153.44	
114.00	0.2809E+010.7723E-02	474.14	0.1754E+02	2.88	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	158.88	
116.00	0.2244E+010.5972E-02	486.15	0.1326E+02	2.77	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	163.93	
118.00	0.1914E+010.4951E-02	497.06	0.1083E+02	2.71	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	168.09	
120.00	0.1641E+010.4143E-02	506.60	0.8984E+01	2.65	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	171.64	
122.00	0.1569E+010.3878E-02	514.99	0.8116E+01	2.73	4.52	-0.14	-5.14	0.1054E+06	0.1327E+06	4754.00	174.85	
124.00	0.1525E+010.3694E-02	523.10	0.7536E+01	2.81	4.53	-0.64	-6.11	0.8965E+05	0.1364E+06	4790.00	177.95	
126.00	0.1424E+010.3381E-02	531.54	0.6780E+01	2.84	4.54	-0.19	-6.47	0.7667E+05	0.1400E+06	4829.00	180.90	

SUMMARY TABLE FOR BODY POINT 42
XB= 876.0 THETAB= 270.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2027E+000.1497E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	1.01
15.00	0.3392E+000.2325E-01		124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.37
20.00	0.4753E+000.3003E-01		126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.40
25.00	0.6040E+000.3544E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	7.10
30.00	0.7293E+000.3952E-01		128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	10.44
35.00	0.7743E+000.4068E-01		129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	14.20
40.00	0.8145E+000.4086E-01		130.33	0.1128E+04	1.00	0.90	-2.79	-2.02	0.3827E+07	0.1702E+05	965.30	18.17
45.00	0.8161E+000.4025E-01		130.68	0.9584E+03	1.01	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	22.24
50.00	0.7821E+000.3890E-01		130.50	0.7859E+03	1.05	1.15	-2.76	0.00	0.3759E+07	0.2584E+05	1183.00	26.24
55.00	0.7586E+000.3754E-01		130.61	0.6491E+03	1.10	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	30.09
60.00	0.7937E+000.3579E-01		132.58	0.5188E+03	1.16	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	33.97
62.00	0.8469E+000.3509E-01		134.54	0.4701E+03	1.20	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	35.61
64.00	0.9295E+000.3452E-01		137.33	0.4255E+03	1.24	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	37.39
66.00	0.1036E+010.3382E-01		141.02	0.3835E+03	1.28	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	39.35
68.00	0.1151E+010.3303E-01		145.24	0.3440E+03	1.33	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	41.54
70.00	0.1268E+010.3199E-01		150.03	0.3074E+03	1.37	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	43.96
72.00	0.1388E+010.3085E-01		155.38	0.2734E+03	1.42	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	46.61
74.00	0.1520E+010.2976E-01		161.49	0.2425E+03	1.47	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	49.52
76.00	0.1644E+010.2824E-01		168.60	0.2144E+03	1.51	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	52.68
78.00	0.1773E+010.2675E-01		176.66	0.1891E+03	1.56	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	56.10
80.00	0.1896E+010.2506E-01		186.08	0.1665E+03	1.60	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	59.77
82.00	0.2029E+010.2205E-01		195.93	0.1483E+03	1.64	2.53	0.12	-3.46	0.1755E+07	0.6241E+05	2423.00	63.70
84.00	0.2128E+010.2207E-01		206.91	0.1322E+03	1.67	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	67.85
86.00	0.2192E+010.2024E-01		218.71	0.1183E+03	1.67	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	72.17
88.00	0.2264E+010.1871E-01		231.42	0.1049E+03	1.69	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	76.63
90.00	0.2302E+010.1713E-01		244.73	0.9103E+02	1.73	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	81.20
92.00	0.2263E+010.1526E-01		258.65	0.7857E+02	1.72	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	85.76
94.00	0.2218E+010.1360E-01		273.45	0.6787E+02	1.71	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	90.24
96.00	0.2144E+010.1199E-01		289.17	0.5850E+02	1.71	3.35	-0.85	-4.87	0.7572E+06	0.8446E+05	3286.00	94.60
98.00	0.2038E+010.1042E-01		305.98	0.4948E+02	1.69	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	98.78
100.00	0.1990E+010.9279E-02		324.90	0.4305E+02	1.69	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	102.81
102.00	0.1874E+010.8027E-02		343.91	0.3653E+02	1.67	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	106.68
104.00	0.1666E+010.6563E-02		364.29	0.2956E+02	1.61	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	110.22
106.00	0.1536E+010.5599E-02		384.72	0.2143E+02	1.75	3.98	-0.84	0.00	0.3779E+06	0.1023E+06	3995.00	113.42
108.00	0.1445E+010.4865E-02		407.35	0.1816E+02	1.75	4.11	-0.89	0.00	0.3264E+06	0.1061E+06	4143.00	116.40
110.00	0.1363E+010.4240E-02		431.83	0.1800E+02	1.58	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	119.21
112.00	0.1503E+010.4355E-02		455.53	0.1773E+02	1.68	4.35	-0.81	0.00	0.2416E+06	0.1137E+06	4432.00	122.07
114.00	0.1618E+010.4448E-02		474.14	0.1754E+02	1.78	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	125.20
116.00	0.1309E+010.3483E-02		486.15	0.1326E+02	1.73	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	128.12
118.00	0.1109E+010.2869E-02		497.06	0.1083E+02	1.69	4.50	0.16	-4.93	0.1470E+06	0.1252E+06	4665.00	130.54
120.00	0.9627E+000.2430E-02		506.60	0.8984E+01	1.67	4.52	-0.03	-4.49	0.1244E+06	0.1290E+06	4715.00	132.61
122.00	0.9107E+000.2251E-02		514.99	0.8116E+01	1.71	4.52	-0.14	-5.14	0.1054E+06	0.1327E+06	4754.00	134.49
124.00	0.8768E+000.2125E-02		523.10	0.7536E+01	1.74	4.53	0.27	-6.11	0.8965E+05	0.1364E+06	4790.00	136.27
126.00	0.8250E+000.1959E-02		531.54	0.6780E+01	1.77	4.54	-0.19	-6.47	0.7667E+05	0.1400E+06	4829.00	137.98

SUMMARY TABLE FOR BODY POINT 43
XB=1061.0 THETAB= 270.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1967E+000.1453E-01	0.3294E+000.2258E-01	123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.98
15.00	0.3294E+000.2258E-01	0.4618E+000.2918E-01	124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.30
20.00	0.4618E+000.2918E-01	0.5871E+000.3445E-01	126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.28
25.00	0.5871E+000.3445E-01	0.7091E+000.3842E-01	127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.5939E+04	569.50	6.90
30.00	0.7091E+000.3842E-01	0.7528E+000.3955E-01	128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	10.14
35.00	0.7528E+000.3955E-01	0.7920E+000.3973E-01	129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	13.79
40.00	0.7920E+000.3973E-01	0.7899E+000.3896E-01	130.33	0.1128E+04	1.00	0.90	-2.79	-2.02	0.3827E+07	0.1702E+05	965.30	17.66
45.00	0.7899E+000.3896E-01	0.7492E+000.3727E-01	130.68	0.9584E+03	1.00	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	21.61
50.00	0.7492E+000.3727E-01	0.7175E+000.3507E-01	130.50	0.7859E+03	1.03	1.15	-2.76	2.02	0.3759E+07	0.2584E+05	1183.00	25.46
55.00	0.7175E+000.3507E-01	0.7279E+000.3250E-01	130.86	0.6387E+03	1.06	1.29	-2.82	2.12	0.3657E+07	0.3059E+05	1301.00	29.13
60.00	0.7279E+000.3250E-01	0.7677E+000.3154E-01	132.80	0.5094E+03	1.10	1.46	-2.28	2.06	0.3496E+07	0.3556E+05	1435.00	32.74
62.00	0.7677E+000.3154E-01	0.8263E+000.3075E-01	134.74	0.4624E+03	1.12	1.53	-1.85	0.00	0.3395E+07	0.3763E+05	1497.00	34.23
64.00	0.8263E+000.3075E-01	0.9111E+000.2981E-01	137.27	0.4179E+03	1.15	1.62	-1.43	0.00	0.3282E+07	0.3975E+05	1569.00	35.83
66.00	0.9111E+000.2981E-01	0.1002E+010.2880E-01	140.96	0.3759E+03	1.17	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	37.57
68.00	0.1002E+010.2880E-01	0.1091E+010.2759E-01	145.18	0.3367E+03	1.21	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	39.48
70.00	0.1091E+010.2759E-01	0.1181E+010.2630E-01	149.95	0.3001E+03	1.24	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	41.57
72.00	0.1181E+010.2630E-01	0.1278E+010.2507E-01	155.30	0.2663E+03	1.27	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	43.84
74.00	0.1278E+010.2507E-01	0.1380E+010.2362E-01	161.39	0.2352E+03	1.30	2.10	0.05	0.00	0.2515E+07	0.5153E+05	1999.00	46.30
76.00	0.1380E+010.2362E-01	0.1491E+010.2251E-01	168.80	0.2068E+03	1.34	2.21	0.34	0.00	0.2341E+07	0.5413E+05	2100.00	48.96
78.00	0.1491E+010.2251E-01	0.1586E+010.2090E-01	176.66	0.1891E+03	1.35	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2206.00	51.83
80.00	0.1586E+010.2090E-01	0.1640E+010.1918E-01	186.08	0.1665E+03	1.37	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	54.91
82.00	0.1640E+010.1918E-01	0.1661E+010.1720E-01	195.93	0.1483E+03	1.37	2.53	0.41	-3.46	0.1755E+07	0.6241E+05	2423.00	58.14
84.00	0.1661E+010.1720E-01	0.1679E+010.1376E-01	206.91	0.1322E+03	1.34	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	61.44
86.00	0.1679E+010.1376E-01	0.1746E+010.1178E-01	218.71	0.1183E+03	1.30	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	64.76
88.00	0.1665E+010.1376E-01	0.1831E+010.1123E-01	231.42	0.1049E+03	1.28	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	68.08
90.00	0.1679E+010.1250E-01	0.1887E+010.1056E-01	244.73	0.9103E+02	1.30	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	71.43
92.00	0.1746E+010.1178E-01	0.1943E+010.9937E-02	258.65	0.7857E+02	1.37	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	74.85
94.00	0.1831E+010.1123E-01	0.1999E+010.9320E-02	273.45	0.6787E+02	1.46	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	78.43
96.00	0.1887E+010.1056E-01	0.2014E+010.8625E-02	289.17	0.5850E+02	1.55	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	82.15
98.00	0.1943E+010.9937E-02	0.2015E+010.7935E-02	305.98	0.4948E+02	1.66	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	85.98
100.00	0.1999E+010.9320E-02	0.2015E+010.7935E-02	324.90	0.4305E+02	1.75	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	89.92
102.00	0.2014E+010.8625E-02	0.2015E+010.7935E-02	343.91	0.3653E+02	1.85	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	93.94
104.00	0.2015E+010.7935E-02	0.2015E+010.7935E-02	364.29	0.2956E+02	2.01	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	97.96
106.00	0.2015E+010.7935E-02	0.2015E+010.7935E-02	385.46	0.2435E+02	2.16	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	101.99
108.00	0.2015E+010.7935E-02	0.2015E+010.7935E-02	408.13	0.2068E+02	2.19	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	105.92
110.00	0.2015E+010.7935E-02	0.2015E+010.7935E-02	431.83	0.1800E+02	2.16	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	109.64
112.00	0.2015E+010.7935E-02	0.2015E+010.7935E-02	455.53	0.1773E+02	1.97	4.35	-0.81	-3.49	0.2416E+06	0.1137E+06	4432.00	113.16
114.00	0.2015E+010.7935E-02	0.2015E+010.7935E-02	472.36	0.1328E+02	2.16	4.42	-0.51	-3.49	0.2055E+06	0.1176E+06	4535.00	116.44
116.00	0.2015E+010.7935E-02	0.2015E+010.7935E-02	486.15	0.1326E+02	1.97	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	119.44
118.00	0.2015E+010.7935E-02	0.2015E+010.7935E-02	497.06	0.1083E+02	2.05	4.50	0.16	-4.93	0.1470E+06	0.1252E+06	4665.00	122.19
120.00	0.2015E+010.7935E-02	0.2015E+010.7935E-02	506.60	0.8984E+01	2.09	4.52	-0.03	-4.49	0.1244E+06	0.1290E+06	4715.00	124.66
122.00	0.2015E+010.7935E-02	0.2015E+010.7935E-02	514.99	0.8116E+01	2.04	4.52	1.53	-5.14	0.1054E+06	0.1327E+06	4754.00	126.87
124.00	0.2015E+010.7935E-02	0.2015E+010.7935E-02	523.10	0.7536E+01	1.95	4.53	1.18	-6.11	0.8965E+05	0.1364E+06	4790.00	128.88
126.00	0.2015E+010.7935E-02	0.2015E+010.7935E-02	528.48	0.4415E+01	2.64	4.54	-3.00	6.47	0.7667E+05	0.1400E+06	4829.00	130.71

SUMMARY TABLE FOR BODY POINT 44
XB=1237.0 THETAB= 270.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1912E+000.1412E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.96
15.00	0.3204E+000.2196E-01		124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.23
20.00	0.4494E+000.2839E-01		126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.16
25.00	0.5715E+000.3354E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.71
30.00	0.6903E+000.3741E-01		128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.87
35.00	0.7329E+000.3850E-01		129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	13.42
40.00	0.7711E+000.3869E-01		130.33	0.1128E+04	1.00	0.90	-2.79	-2.02	0.3827E+07	0.1702E+05	965.30	17.18
45.00	0.7770E+000.3832E-01		130.68	0.9584E+03	1.01	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	21.05
50.00	0.7697E+000.3829E-01		130.50	0.7859E+03	1.09	1.15	-2.76	0.00	0.3759E+07	0.2584E+05	1183.00	24.92
55.00	0.7733E+000.3826E-01		130.61	0.6491E+03	1.18	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	28.78
60.00	0.8259E+000.3724E-01		132.58	0.5188E+03	1.28	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	32.78
62.00	0.8674E+000.3646E-01		134.74	0.4624E+03	1.33	1.53	-1.85	0.00	0.3395E+07	0.3763E+05	1497.00	34.49
64.00	0.9733E+000.3622E-01		137.27	0.4179E+03	1.39	1.62	-1.43	0.00	0.3282E+07	0.3975E+05	1569.00	36.35
66.00	0.1094E+010.3578E-01		140.96	0.3759E+03	1.45	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	38.42
68.00	0.1224E+010.3520E-01		145.18	0.3367E+03	1.52	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	40.74
70.00	0.1358E+010.3434E-01		149.95	0.3001E+03	1.58	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	43.32
72.00	0.1497E+010.3335E-01		155.30	0.2663E+03	1.65	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	46.17
74.00	0.1646E+010.3229E-01		161.39	0.2352E+03	1.73	2.10	0.05	0.00	0.2515E+07	0.5153E+05	1999.00	49.32
76.00	0.1786E+010.3058E-01		168.80	0.2068E+03	1.78	2.21	-0.28	0.00	0.2341E+07	0.5413E+05	2100.00	52.75
78.00	0.1934E+010.2925E-01		176.52	0.1812E+03	1.85	2.32	0.16	0.00	0.2152E+07	0.5681E+05	2206.00	56.47
80.00	0.2075E+010.2749E-01		185.90	0.1580E+03	1.92	2.42	-0.05	0.00	0.1941E+07	0.5957E+05	2313.00	60.48
82.00	0.2190E+010.2568E-01		195.67	0.1377E+03	1.98	2.53	0.12	0.00	0.1755E+07	0.6241E+05	2423.00	64.74
84.00	0.2276E+010.2367E-01		206.54	0.1195E+03	2.02	2.64	-0.34	0.00	0.1574E+07	0.6532E+05	2539.00	69.21
86.00	0.2399E+010.2215E-01		218.71	0.1183E+03	1.93	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	73.88
88.00	0.2579E+010.2113E-01		231.42	0.1049E+03	2.02	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	78.84
90.00	0.2614E+010.1946E-01		244.73	0.9103E+02	2.08	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	84.01
92.00	0.2576E+010.1738E-01		258.65	0.7857E+02	2.08	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	89.20
94.00	0.2520E+010.1545E-01		273.45	0.6787E+02	2.07	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	94.30
96.00	0.2450E+010.1370E-01		289.17	0.5850E+02	2.07	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	99.27
98.00	0.2335E+010.1194E-01		305.98	0.4948E+02	2.05	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	104.05
100.00	0.2289E+010.1067E-01		324.90	0.4305E+02	2.06	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	108.67
102.00	0.2174E+010.9311E-02		343.91	0.3653E+02	2.05	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	113.14
104.00	0.1992E+010.7847E-02		364.29	0.2956E+02	2.05	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	117.30
106.00	0.1872E+010.6825E-02		384.72	0.2143E+02	2.27	3.98	-0.84	0.00	0.3779E+06	0.1023E+06	3995.00	121.17
108.00	0.1763E+010.5937E-02		407.35	0.1816E+02	2.27	4.11	-0.89	0.00	0.3264E+06	0.1061E+06	4143.00	124.80
110.00	0.1673E+010.5206E-02		431.83	0.1800E+02	2.06	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	128.24
112.00	0.1753E+010.5078E-02		455.53	0.1773E+02	2.08	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	131.66
114.00	0.1969E+010.5412E-02		474.14	0.1754E+02	2.30	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	135.39
116.00	0.1514E+010.4030E-02		486.15	0.1326E+02	2.14	4.47	-1.58	-5.59	0.1738E+06	0.1214E+06	4605.00	138.87
118.00	0.1267E+010.3277E-02		497.06	0.1083E+02	2.06	4.50	-1.59	-4.93	0.1470E+06	0.1252E+06	4665.00	141.65
120.00	0.1108E+010.2796E-02		506.60	0.8984E+01	2.05	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	144.02
122.00	0.1038E+010.2567E-02		514.99	0.8116E+01	2.07	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	146.17
124.00	0.1056E+010.2559E-02		523.10	0.7536E+01	2.23	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	148.27
126.00	0.1016E+010.2414E-02		531.54	0.6780E+01	2.33	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	150.34

SUMMARY TABLE FOR BODY POINT 1004
XB= 719.2 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2112E+000.1559E-01	0.2112E+000.1559E-01	123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	1.06
15.00	0.3530E+000.2420E-01	0.3530E+000.2420E-01	124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.47
20.00	0.4943E+000.3123E-01	0.4943E+000.3123E-01	126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.58
25.00	0.6278E+000.3684E-01	0.6278E+000.3684E-01	127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	7.39
30.00	0.7575E+000.4104E-01	0.7575E+000.4104E-01	128.86	0.1500E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	10.85
35.00	0.8044E+000.4225E-01	0.8044E+000.4225E-01	129.44	0.1304E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	14.76
40.00	0.8467E+000.4247E-01	0.8467E+000.4247E-01	130.34	0.1130E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	18.89
45.00	0.8479E+000.4169E-01	0.8479E+000.4169E-01	130.74	0.9776E+03	1.00	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	23.12
50.00	0.7747E+000.3912E-01	0.7747E+000.3912E-01	130.20	0.8182E+03	1.00	1.15	-4.41	2.02	0.3759E+07	0.2584E+05	1183.00	27.18
55.00	0.7338E+000.3645E-01	0.7338E+000.3645E-01	130.53	0.6524E+03	1.02	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	30.95
60.00	0.7401E+000.3341E-01	0.7401E+000.3341E-01	132.55	0.5198E+03	1.04	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	34.63
62.00	0.7749E+000.3210E-01	0.7749E+000.3210E-01	134.54	0.4698E+03	1.05	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	36.15
64.00	0.8311E+000.3089E-01	0.8311E+000.3089E-01	137.32	0.4239E+03	1.07	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	37.76
66.00	0.9046E+000.2956E-01	0.9046E+000.2956E-01	141.00	0.3804E+03	1.08	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	39.49
68.00	0.9803E+000.2817E-01	0.9803E+000.2817E-01	145.20	0.3394E+03	1.10	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	41.38
70.00	0.1055E+010.2667E-01	0.1055E+010.2667E-01	149.97	0.3019E+03	1.11	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	43.41
72.00	0.1129E+010.2514E-01	0.1129E+010.2514E-01	155.31	0.2672E+03	1.13	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	45.60
74.00	0.1204E+010.2361E-01	0.1204E+010.2361E-01	161.39	0.2352E+03	1.15	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	47.93
76.00	0.1344E+010.2033E-01	0.1344E+010.2033E-01	168.78	0.2078E+03	1.15	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	50.41
80.00	0.1413E+010.1872E-01	0.1413E+010.1872E-01	185.90	0.1581E+03	1.18	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	55.79
82.00	0.1462E+010.1715E-01	0.1462E+010.1715E-01	195.68	0.1382E+03	1.19	2.53	-0.17	-3.46	0.1754E+07	0.6241E+05	2423.00	58.66
84.00	0.1503E+010.1563E-01	0.1503E+010.1563E-01	206.56	0.1204E+03	1.20	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	61.63
86.00	0.1524E+010.1413E-01	0.1524E+010.1413E-01	218.26	0.1055E+03	1.20	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	64.65
88.00	0.1537E+010.1277E-01	0.1537E+010.1277E-01	230.83	0.9136E+02	1.21	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	67.72
90.00	0.1536E+010.1149E-01	0.1536E+010.1149E-01	244.08	0.7869E+02	1.22	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	70.79
92.00	0.1527E+010.1035E-01	0.1527E+010.1035E-01	257.94	0.6762E+02	1.23	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	73.85
94.00	0.1511E+010.9308E-02	0.1511E+010.9308E-02	272.68	0.5802E+02	1.25	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	76.89
96.00	0.1475E+010.8291E-02	0.1475E+010.8291E-02	288.35	0.4978E+02	1.26	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	79.87
98.00	0.1384E+010.7101E-02	0.1384E+010.7101E-02	305.31	0.4340E+02	1.20	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	82.73
100.00	0.1373E+010.6425E-02	0.1373E+010.6425E-02	324.11	0.3703E+02	1.24	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	85.49
102.00	0.1283E+010.5513E-02	0.1283E+010.5513E-02	343.13	0.3155E+02	1.21	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	88.15
104.00	0.1046E+010.4127E-02	0.1046E+010.4127E-02	363.77	0.2692E+02	1.03	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	90.48
106.00	0.8851E+000.3222E-02	0.8851E+000.3222E-02	385.10	0.2293E+02	0.92	3.98	-1.63	0.00	0.3779E+06	0.1023E+06	3995.00	92.41
108.00	0.8341E+000.2805E-02	0.8341E+000.2805E-02	407.77	0.1952E+02	0.92	4.11	-1.65	0.00	0.3264E+06	0.1061E+06	4143.00	94.13
110.00	0.8088E+000.2520E-02	0.8088E+000.2520E-02	431.35	0.1663E+02	0.95	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	95.77
112.00	0.1110E+010.2322E-02	0.1110E+010.2322E-02	453.86	0.1356E+02	1.43	4.35	-0.81	-6.99	0.2055E+06	0.1137E+06	4432.00	97.69
114.00	0.1013E+010.2805E-02	0.1013E+010.2805E-02	471.54	0.1168E+02	1.42	4.42	-1.11	-5.59	0.1738E+06	0.1176E+06	4535.00	99.81
116.00	0.8933E+000.2392E-02	0.8933E+000.2392E-02	483.92	0.9421E+01	1.44	4.47	-0.05	5.59	0.1738E+06	0.1214E+06	4605.00	101.72
118.00	0.8600E+000.2235E-02	0.8600E+000.2235E-02	495.23	0.8194E+01	1.52	4.50	-0.42	4.93	0.1470E+06	0.1252E+06	4665.00	103.47
120.00	0.6630E+000.1681E-02	0.6630E+000.1681E-02	504.83	0.6875E+01	1.33	4.52	-0.03	4.49	0.1244E+06	0.1290E+06	4715.00	104.99
122.00	0.7007E+000.1741E-02	0.7007E+000.1741E-02	512.90	0.5945E+01	1.56	4.52	-0.14	5.14	0.1054E+06	0.1327E+06	4754.00	106.36
124.00	0.5794E+000.1410E-02	0.5794E+000.1410E-02	521.26	0.5764E+01	1.32	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	107.64
126.00	0.5269E+000.1258E-02	0.5269E+000.1258E-02	529.25	0.4904E+01	1.35	4.54	-2.07	-6.47	0.7667E+05	0.1400E+06	4829.00	108.74

SUMMARY TABLE FOR BODY POINT 1005
XB= 892.3 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2022E+000.1493E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	1.01
15.00	0.3383E+000.2319E-01		124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.36
20.00	0.4741E+000.2995E-01		126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4295E+04	429.50	4.39
25.00	0.6024E+000.3535E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	7.08
30.00	0.7270E+000.3939E-01		128.86	0.1500E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	10.41
35.00	0.7722E+000.4056E-01		129.44	0.1304E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	14.16
40.00	0.8128E+000.4076E-01		130.34	0.1130E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	18.12
45.00	0.8216E+000.4038E-01		130.74	0.9776E+03	1.01	1.02	-3.95	0.00	0.3921E+07	0.2131E+05	1073.00	22.20
50.00	0.7908E+000.3993E-01		130.20	0.8182E+03	1.07	1.15	-4.41	0.00	0.3759E+07	0.2584E+05	1183.00	26.24
55.00	0.7836E+000.3885E-01		130.57	0.6653E+03	1.13	1.29	-4.15	0.00	0.3657E+07	0.3059E+05	1301.00	30.17
60.00	0.8201E+000.3708E-01		132.52	0.5302E+03	1.19	1.46	-3.78	0.00	0.3496E+07	0.3556E+05	1435.00	34.18
62.00	0.8686E+000.3611E-01		134.46	0.4803E+03	1.22	1.53	-3.61	0.00	0.3395E+07	0.3763E+05	1497.00	35.87
64.00	0.9512E+000.3523E-01		137.40	0.4358E+03	1.25	1.62	-3.57	0.00	0.3282E+07	0.3975E+05	1569.00	37.69
66.00	0.1047E+010.3412E-01		141.09	0.3917E+03	1.28	1.71	-3.35	0.00	0.3151E+07	0.4195E+05	1647.00	39.69
68.00	0.1147E+010.3287E-01		145.30	0.3510E+03	1.31	1.80	-3.23	0.00	0.3003E+07	0.4423E+05	1729.00	41.88
70.00	0.1246E+010.3142E-01		150.07	0.3119E+03	1.34	1.89	-3.01	0.00	0.2845E+07	0.4658E+05	1814.00	44.28
72.00	0.1345E+010.2988E-01		155.41	0.2762E+03	1.37	1.99	-2.69	0.00	0.2681E+07	0.4902E+05	1904.00	46.87
74.00	0.1445E+010.2828E-01		161.50	0.2435E+03	1.40	2.10	-2.41	0.00	0.2515E+07	0.5153E+05	1999.00	49.66
76.00	0.1549E+010.2660E-01		168.62	0.2138E+03	1.43	2.21	-2.14	0.00	0.2341E+07	0.5413E+05	2100.00	52.65
78.00	0.1648E+010.2492E-01		176.54	0.1826E+03	1.49	2.32	-0.47	2.61	0.2152E+07	0.5681E+05	2206.00	55.85
80.00	0.1755E+010.2325E-01		185.90	0.1581E+03	1.54	2.42	-0.05	3.46	0.1755E+07	0.5957E+05	2313.00	59.25
82.00	0.1854E+010.2173E-01		195.68	0.1382E+03	1.58	2.53	-0.17	3.98	0.1574E+07	0.6241E+05	2423.00	62.86
84.00	0.1946E+010.2023E-01		206.56	0.1204E+03	1.63	2.64	-0.34	4.60	0.1402E+07	0.6532E+05	2539.00	66.66
86.00	0.2014E+010.1867E-01		218.26	0.1055E+03	1.66	2.75	-0.89	5.13	0.1244E+07	0.6831E+05	2656.00	70.62
88.00	0.2060E+010.1710E-01		230.83	0.9136E+02	1.69	2.87	-1.16	5.10	0.1100E+07	0.7139E+05	2777.00	74.69
90.00	0.2083E+010.1559E-01		244.08	0.7869E+02	1.73	2.98	-1.13	5.00	0.9720E+06	0.7454E+05	2901.00	78.83
92.00	0.2143E+010.1452E-01		257.94	0.6762E+02	1.81	3.10	-1.07	4.94	0.8583E+06	0.8108E+05	3025.00	83.06
94.00	0.2202E+010.1357E-01		272.68	0.5902E+02	1.90	3.22	-0.96	4.87	0.7572E+06	0.8446E+05	3154.00	87.41
96.00	0.2228E+010.1252E-01		288.35	0.4978E+02	1.98	3.35	-0.98	4.87	0.6662E+06	0.8791E+05	3286.00	91.84
98.00	0.2148E+010.1103E-01		305.18	0.4240E+02	1.98	3.47	-0.85	4.51	0.5826E+06	0.9142E+05	3422.00	96.21
100.00	0.2224E+010.1041E-01		323.97	0.3608E+02	2.13	3.61	-0.83	4.72	0.5054E+06	0.9500E+05	3566.00	100.58
102.00	0.2115E+010.9095E-02		342.97	0.3069E+02	2.13	3.73	-0.82	4.52	0.4373E+06	0.9864E+05	3705.00	104.92
104.00	0.1673E+010.6059E-02		363.77	0.2692E+02	1.73	3.86	-1.61	3.62	0.3779E+06	0.1023E+06	3850.00	108.71
106.00	0.1361E+010.4954E-02		385.10	0.2293E+02	1.49	3.98	-1.63	3.09	0.3264E+06	0.1061E+06	3995.00	111.75
108.00	0.1259E+010.4234E-02		407.77	0.1952E+02	1.45	4.11	-1.65	3.03	0.2814E+06	0.1099E+06	4143.00	114.37
110.00	0.1295E+010.4035E-02		431.35	0.1663E+02	1.59	4.23	-1.70	3.30	0.2416E+06	0.1137E+06	4293.00	116.92
112.00	0.1848E+010.5382E-02		453.86	0.1356E+02	2.50	4.35	-0.81	5.24	0.2055E+06	0.1176E+06	4432.00	120.06
114.00	0.1384E+010.3836E-02		471.35	0.1134E+02	2.07	4.42	-0.51	6.99	0.1738E+06	0.1252E+06	4535.00	123.30
116.00	0.1394E+010.4011E-02		483.92	0.9421E+01	2.53	4.47	-0.05	5.59	0.1470E+06	0.1252E+06	4605.00	126.18
118.00	0.1394E+010.3623E-02		495.23	0.8194E+01	2.59	4.50	-0.42	4.93	0.1244E+06	0.1290E+06	4665.00	129.07
120.00	0.1110E+010.2814E-02		504.83	0.6875E+01	2.33	4.52	-0.03	4.49	0.1054E+06	0.1327E+06	4715.00	131.58
122.00	0.1130E+010.2808E-02		512.90	0.5945E+01	2.64	4.53	-0.14	5.14	0.0955E+05	0.1364E+06	4754.00	133.82
124.00	0.8965E+000.2185E-02		520.61	0.5268E+01	2.29	4.53	-0.64	6.11	0.7667E+05	0.1400E+06	4790.00	135.84
126.00	0.7847E+000.1877E-02		528.55	0.4461E+01	2.26	4.54	-0.19	6.47	0.7667E+05	0.1400E+06	4829.00	137.52

SUMMARY TABLE FOR BODY POINT 1006
XB=1065.3 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HT/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	LOAD
10.00	0.1966E+000.1451E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.98
15.00	0.3292E+000.2257E-01		124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.30
20.00	0.4615E+000.2916E-01		126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.27
25.00	0.5867E+000.3443E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.89
30.00	0.7082E+000.3837E-01		128.86	0.1500E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	10.13
35.00	0.7522E+000.3951E-01		129.44	0.1304E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	13.78
40.00	0.7917E+000.3971E-01		130.34	0.1130E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	17.64
45.00	0.8008E+000.3937E-01		130.74	0.9776E+03	1.01	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	21.62
50.00	0.7724E+000.3901E-01		130.20	0.8182E+03	1.07	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	25.56
55.00	0.7700E+000.3825E-01		130.53	0.6524E+03	1.15	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	29.41
60.00	0.8185E+000.3695E-01		132.55	0.5198E+03	1.23	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	33.38
62.00	0.8747E+000.3623E-01		134.54	0.4698E+03	1.27	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	35.08
64.00	0.9586E+000.3562E-01		137.32	0.4239E+03	1.32	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	36.91
66.00	0.1066E+010.3485E-01		141.00	0.3804E+03	1.36	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	38.94
68.00	0.1180E+010.3390E-01		145.20	0.3394E+03	1.42	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	41.18
70.00	0.1297E+010.3278E-01		149.97	0.3019E+03	1.47	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	43.66
72.00	0.1417E+010.3155E-01		155.31	0.2672E+03	1.52	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	46.37
74.00	0.1544E+010.3027E-01		161.39	0.2352E+03	1.58	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	49.33
76.00	0.1675E+010.2869E-01		168.78	0.2078E+03	1.62	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	52.55
78.00	0.1801E+010.2724E-01		176.52	0.1812E+03	1.68	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	56.03
80.00	0.1927E+010.2552E-01		185.90	0.1581E+03	1.73	2.42	-0.05	-3.01	0.1941E+07	0.5937E+05	2313.00	59.76
82.00	0.2036E+010.2387E-01		195.68	0.1382E+03	1.78	2.53	-0.17	-3.46	0.1755E+07	0.6241E+05	2423.00	63.72
84.00	0.2137E+010.2222E-01		206.56	0.1204E+03	1.84	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	67.89
86.00	0.2271E+010.2050E-01		218.26	0.1055E+03	1.87	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	72.24
88.00	0.2271E+010.1886E-01		230.83	0.9136E+02	1.92	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	76.72
90.00	0.2306E+010.1725E-01		244.08	0.7869E+02	1.97	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	81.30
92.00	0.2268E+010.1537E-01		257.94	0.6762E+02	1.97	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	85.87
94.00	0.2250E+010.1386E-01		272.68	0.5802E+02	2.00	3.22	-0.96	-2.47	0.8583E+06	0.8108E+05	3154.00	90.39
96.00	0.2234E+010.1256E-01		288.35	0.4978E+02	2.05	3.35	-0.98	-2.44	0.7572E+06	0.8446E+05	3286.00	94.88
98.00	0.2202E+010.1130E-01		305.18	0.4240E+02	2.09	3.47	-0.85	-2.25	0.6662E+06	0.8791E+05	3422.00	99.31
100.00	0.2177E+010.1019E-01		323.97	0.3608E+02	2.15	3.61	-0.83	-2.36	0.5826E+06	0.9142E+05	3566.00	103.69
102.00	0.2111E+010.9079E-02		342.97	0.3069E+02	2.19	3.73	-0.82	-2.26	0.5054E+06	0.9500E+05	3705.00	107.98
104.00	0.2015E+010.7958E-02		363.60	0.2612E+02	2.19	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	112.10
106.00	0.2029E+010.7389E-02		384.92	0.2221E+02	2.33	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	116.15
108.00	0.1930E+010.6493E-02		407.57	0.1889E+02	2.35	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	120.10
110.00	0.1769E+010.5514E-02		431.14	0.1608E+02	2.29	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	123.80
112.00	0.1665E+010.4847E-02		453.86	0.1356E+02	2.32	4.35	-0.81	-2.62	0.2416E+06	0.1137E+06	4432.00	127.24
114.00	0.1481E+010.4102E-02		471.35	0.1134E+02	2.28	4.42	-0.51	-3.49	0.2055E+06	0.1176E+06	4535.00	130.38
116.00	0.1396E+010.3739E-02		483.92	0.9421E+01	2.43	4.47	-0.42	-2.79	0.1738E+06	0.1214E+06	4605.00	133.26
118.00	0.1227E+010.3189E-02		495.23	0.8194E+01	2.35	4.50	-0.42	-2.47	0.1470E+06	0.1252E+06	4665.00	135.88
120.00	0.1093E+010.2772E-02		504.83	0.6875E+01	2.37	4.52	-0.03	-2.24	0.1244E+06	0.1290E+06	4715.00	138.20
122.00	0.9931E+000.2467E-02		512.90	0.5945E+01	2.39	4.52	-0.14	-2.57	0.1054E+06	0.1327E+06	4754.00	140.29
124.00	0.8900E+000.2192E-02		520.61	0.5268E+01	2.37	4.53	-0.64	-3.05	0.8965E+05	0.1364E+06	4790.00	142.18
126.00	0.7994E+000.1912E-02		528.55	0.4461E+01	2.38	4.54	-0.19	-3.24	0.7667E+05	0.1400E+06	4829.00	143.88

SUMMARY TABLE FOR BODY POINT 1052
XB= 719.2 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2112E+000.1559E-01	123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.06	
15.00	0.3530E+000.2420E-01	124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2833E+04	306.30	2.47	
20.00	0.4943E+000.3123E-01	126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	4.58	
25.00	0.6278E+000.3684E-01	127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	7.39	
30.00	0.7579E+000.4107E-01	128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	10.85	
35.00	0.8046E+000.4227E-01	129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	14.76	
40.00	0.8465E+000.4247E-01	130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	18.89	
45.00	0.8369E+000.4127E-01	130.68	0.9584E+03	0.99	1.02	-2.61	1.87	0.3821E+07	0.2131E+05	1073.00	23.10	
50.00	0.7451E+000.3706E-01	130.50	0.7859E+03	0.96	1.15	-2.76	0.00	0.3759E+07	0.2584E+05	1183.00	27.05	
55.00	0.6754E+000.3342E-01	130.61	0.6491E+03	0.94	1.29	-2.82	2.12	0.3657E+07	0.3059E+05	1301.00	30.60	
60.00	0.6540E+000.2949E-01	132.58	0.5188E+03	0.92	1.46	-2.28	2.06	0.3496E+07	0.3556E+05	1435.00	33.93	
62.00	0.6742E+000.2793E-01	134.54	0.4701E+03	0.92	1.53	-1.85	1.90	0.3395E+07	0.3763E+05	1497.00	35.25	
64.00	0.7130E+000.2648E-01	137.33	0.4255E+03	0.91	1.62	-1.43	1.82	0.3282E+07	0.3975E+05	1569.00	36.64	
66.00	0.7657E+000.2500E-01	141.02	0.3835E+03	0.91	1.71	-1.07	1.80	0.3151E+07	0.4195E+05	1647.00	38.12	
68.00	0.8196E+000.2352E-01	145.24	0.3440E+03	0.91	1.80	-0.68	1.78	0.3003E+07	0.4423E+05	1729.00	39.71	
70.00	0.8715E+000.2199E-01	150.03	0.3074E+03	0.91	1.89	-0.46	1.86	0.2845E+07	0.4658E+05	1814.00	41.40	
72.00	0.9210E+000.2047E-01	155.38	0.2734E+03	0.91	1.99	-0.26	1.74	0.2681E+07	0.4902E+05	1904.00	43.19	
74.00	0.9712E+000.1901E-01	161.49	0.2425E+03	0.91	2.10	0.05	2.12	0.2515E+07	0.5153E+05	1999.00	45.08	
76.00	0.1012E+010.1739E-01	168.60	0.2144E+03	0.90	2.21	-0.28	2.34	0.2341E+07	0.5413E+05	2100.00	47.07	
78.00	0.1056E+010.1594E-01	176.66	0.1891E+03	0.89	2.32	0.16	2.61	0.2152E+07	0.5697E+05	2206.00	49.13	
80.00	0.1111E+010.1468E-01	186.08	0.1655E+03	0.90	2.42	-0.05	3.01	0.1941E+07	0.5957E+05	2313.00	51.30	
82.00	0.1150E+010.1345E-01	195.93	0.1483E+03	0.90	2.53	-0.17	3.46	0.1755E+07	0.6241E+05	2423.00	53.56	
84.00	0.1188E+010.1231E-01	206.91	0.1322E+03	0.89	2.64	-0.34	3.98	0.1574E+07	0.6532E+05	2539.00	55.90	
86.00	0.1210E+010.1117E-01	218.71	0.1183E+03	0.88	2.75	-0.89	4.60	0.1402E+07	0.6831E+05	2656.00	58.30	
88.00	0.1228E+010.1015E-01	231.42	0.1049E+03	0.88	2.87	-1.16	5.13	0.1244E+07	0.7139E+05	2777.00	60.74	
90.00	0.1218E+010.9066E-02	244.73	0.9103E+02	0.88	2.98	-1.13	5.10	0.1100E+07	0.7454E+05	2901.00	63.18	
92.00	0.1239E+010.8358E-02	258.65	0.7877E+02	0.91	3.10	-1.07	5.00	0.9720E+06	0.7777E+05	3025.00	65.64	
94.00	0.1268E+010.7779E-02	273.45	0.6787E+02	0.94	3.22	-0.96	4.94	0.8583E+06	0.8108E+05	3154.00	68.15	
96.00	0.1284E+010.7185E-02	289.17	0.5850E+02	0.98	3.35	-0.98	4.87	0.7572E+06	0.8446E+05	3286.00	70.70	
98.00	0.1272E+010.6503E-02	305.98	0.4948E+02	1.01	3.47	-0.85	4.51	0.6662E+06	0.8791E+05	3422.00	73.26	
100.00	0.1302E+010.6071E-02	324.90	0.4305E+02	1.06	3.61	-0.83	4.52	0.5054E+06	0.9500E+05	3566.00	75.83	
102.00	0.1275E+010.5459E-02	343.91	0.3653E+02	1.09	3.73	-0.82	4.72	0.5826E+06	0.9142E+05	3705.00	78.41	
104.00	0.1167E+010.4588E-02	364.29	0.2956E+02	1.08	3.86	-0.82	3.62	0.4373E+06	0.9864E+05	3850.00	80.85	
106.00	0.1087E+010.3953E-02	385.46	0.2435E+02	1.09	3.98	-0.84	3.09	0.3779E+06	0.1023E+06	3995.00	83.10	
108.00	0.1028E+010.3452E-02	408.13	0.2068E+02	1.09	4.11	-0.89	3.03	0.3264E+06	0.1061E+06	4143.00	85.22	
110.00	0.9941E+000.3093E-02	431.83	0.1800E+02	1.10	4.23	-0.95	3.30	0.2814E+06	0.1099E+06	4293.00	87.24	
112.00	0.1121E+010.3247E-02	455.53	0.1773E+02	1.20	4.35	-0.81	5.24	0.2416E+06	0.1137E+06	4432.00	89.36	
114.00	0.1218E+010.3349E-02	474.14	0.1754E+02	1.28	4.42	-0.51	6.99	0.2055E+06	0.1176E+06	4535.00	91.69	
116.00	0.9819E+000.2613E-02	486.15	0.1326E+02	1.24	4.47	-0.05	5.59	0.1738E+06	0.1214E+06	4605.00	93.89	
118.00	0.8282E+000.2142E-02	497.06	0.1083E+02	1.21	4.50	0.16	4.93	0.1470E+06	0.1252E+06	4665.00	95.70	
120.00	0.7151E+000.1805E-02	506.60	0.8984E+01	1.19	4.52	-0.03	4.49	0.1244E+06	0.1290E+06	4715.00	97.25	
122.00	0.6818E+000.1685E-02	514.99	0.8116E+01	1.22	4.52	-0.14	5.14	0.1054E+06	0.1327E+06	4754.00	98.64	
124.00	0.6603E+000.1600E-02	523.10	0.7536E+01	1.25	4.53	0.27	6.11	0.8965E+05	0.1364E+06	4790.00	99.99	
126.00	0.6228E+000.1479E-02	531.54	0.6780E+01	1.28	4.54	-0.19	6.47	0.7667E+05	0.1400E+06	4829.00	101.27	

SUMMARY TABLE FOR BODY POINT 1055
XB=1238.4 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1912E+000.1411E-01		123.94	0.2027E+04	1.00		0.16	0.00	0.1126E+07	0.1350E+04	183.10	0.96
15.00	0.3203E+000.2196E-01		124.99	0.1921E+04	1.00		0.27	0.00	0.1788E+07	0.2833E+04	306.30	2.23
20.00	0.4493E+000.2839E-01		126.23	0.1821E+04	1.00		0.39	0.00	0.2391E+07	0.4296E+04	429.50	4.16
25.00	0.5714E+000.3353E-01		127.44	0.1653E+04	1.00		0.51	0.00	0.2933E+07	0.6939E+04	569.50	6.71
30.00	0.6902E+000.3740E-01		128.85	0.1498E+04	1.00		0.65	0.00	0.3401E+07	0.9582E+04	709.40	9.86
35.00	0.7328E+000.3849E-01		129.44	0.1302E+04	1.00		0.77	0.00	0.3647E+07	0.1330E+05	837.30	13.42
40.00	0.7710E+000.3868E-01		130.33	0.1128E+04	1.00		0.90	2.02	0.3827E+07	0.1702E+05	965.30	17.18
45.00	0.7687E+000.3791E-01		130.68	0.9584E+03	1.00		1.02	1.87	0.3821E+07	0.2131E+05	1073.00	21.03
50.00	0.7323E+000.3643E-01		130.50	0.7859E+03	1.04		1.15	-2.02	0.3759E+07	0.2584E+05	1183.00	24.78
55.00	0.7036E+000.3439E-01		130.86	0.6387E+03	1.07		1.29	-2.12	0.3657E+07	0.3059E+05	1301.00	28.37
60.00	0.7127E+000.3182E-01		132.80	0.5094E+03	1.10		1.46	-2.06	0.3496E+07	0.3556E+05	1435.00	31.91
64.00	0.7446E+000.3060E-01		134.74	0.4624E+03	1.11		1.53	-1.90	0.3395E+07	0.3763E+05	1497.00	33.37
66.00	0.7914E+000.2945E-01		137.27	0.4179E+03	1.13		1.62	-1.82	0.3282E+07	0.3975E+05	1569.00	34.91
68.00	0.8608E+000.2816E-01		140.96	0.3759E+03	1.14		1.71	-1.80	0.3151E+07	0.4195E+05	1647.00	36.56
70.00	0.9313E+000.2678E-01		145.18	0.3367E+03	1.15		1.80	-1.78	0.3003E+07	0.4423E+05	1729.00	38.35
72.00	0.1003E+010.2535E-01		149.95	0.3001E+03	1.17		1.89	-1.86	0.2845E+07	0.4658E+05	1814.00	40.29
74.00	0.1143E+010.2241E-01		155.30	0.2663E+03	1.18		1.99	-1.94	0.2681E+07	0.4902E+05	1904.00	42.36
76.00	0.1220E+010.2089E-01		168.80	0.2068E+03	1.22		2.21	-2.34	0.2341E+07	0.5413E+05	2100.00	46.94
78.00	0.1288E+010.1948E-01		176.52	0.1812E+03	1.23		2.32	-2.61	0.2152E+07	0.5681E+05	2206.00	49.44
80.00	0.1364E+010.1806E-01		185.90	0.1580E+03	1.26		2.42	-3.01	0.1941E+07	0.5957E+05	2313.00	52.10
82.00	0.1411E+010.1655E-01		195.67	0.1377E+03	1.27		2.53	-3.46	0.1755E+07	0.6241E+05	2423.00	54.87
84.00	0.1473E+010.1532E-01		206.54	0.1195E+03	1.31		2.64	-3.98	0.1574E+07	0.6532E+05	2539.00	57.76
86.00	0.1529E+010.1419E-01		218.18	0.1034E+03	1.35		2.75	-4.60	0.1402E+07	0.6831E+05	2656.00	60.76
88.00	0.1574E+010.1308E-01		230.71	0.8905E+02	1.39		2.87	-5.13	0.1244E+07	0.7139E+05	2777.00	63.86
90.00	0.1576E+010.1180E-01		243.95	0.7657E+02	1.41		2.98	-5.10	0.1100E+07	0.7454E+05	2901.00	67.01
92.00	0.1575E+010.1068E-01		257.80	0.6573E+02	1.43		3.10	-5.00	0.9720E+06	0.7777E+05	3025.00	70.16
94.00	0.1571E+010.9687E-02		272.54	0.5651E+02	1.46		3.22	-4.94	0.8583E+06	0.8108E+05	3154.00	73.31
96.00	0.1549E+010.8713E-02		288.20	0.4834E+02	1.49		3.35	-4.87	0.7572E+06	0.8446E+05	3286.00	76.43
98.00	0.1480E+010.7606E-02		305.04	0.4124E+02	1.47		3.47	-4.51	0.6662E+06	0.8791E+05	3422.00	79.46
100.00	0.1479E+010.6915E-02		324.26	0.3798E+02	1.45		3.61	2.36	0.5826E+06	0.9142E+05	3566.00	82.42
102.00	0.1462E+010.6279E-02		343.27	0.3232E+02	1.50		3.73	2.26	0.5054E+06	0.9500E+05	3705.00	85.36
104.00	0.1440E+010.5673E-02		364.29	0.2956E+02	1.48		3.86	3.62	0.4373E+06	0.9864E+05	3850.00	88.26
106.00	0.1500E+010.5452E-02		385.46	0.2435E+02	1.66		3.98	3.09	0.3779E+06	0.1023E+06	3995.00	91.20
108.00	0.1442E+010.4842E-02		408.13	0.2068E+02	1.70		4.11	3.03	0.3264E+06	0.1061E+06	4143.00	94.14
110.00	0.1331E+010.4139E-02		431.83	0.1800E+02	1.64		4.23	3.30	0.2814E+06	0.1099E+06	4293.00	96.91
112.00	0.1272E+010.3565E-02		454.40	0.1473E+02	1.66		4.35	2.62	0.2416E+06	0.1137E+06	4432.00	99.47
114.00	0.1116E+010.3084E-02		472.36	0.1328E+02	1.59		4.42	2.49	0.2055E+06	0.1176E+06	4535.00	101.81
116.00	0.1054E+010.2843E-02		484.80	0.1077E+02	1.74		4.47	2.79	0.1738E+06	0.1214E+06	4605.00	103.99
118.00	0.8972E+000.2327E-02		495.91	0.9060E+01	1.65		4.50	2.47	0.1470E+06	0.1252E+06	4665.00	105.95
120.00	0.7832E+000.1982E-02		505.58	0.7683E+01	1.62		4.52	2.24	0.1244E+06	0.1290E+06	4715.00	107.63
122.00	0.7444E+000.1846E-02		513.73	0.6710E+01	1.70		4.52	2.57	0.1054E+06	0.1327E+06	4754.00	109.16
124.00	0.7445E+000.1811E-02		521.48	0.5939E+01	1.86		4.53	3.05	0.8965E+05	0.1364E+06	4790.00	110.65
126.00	0.6905E+000.1647E-02		529.73	0.5231E+01	1.90		4.54	3.24	0.7667E+05	0.1400E+06	4829.00	112.09

SUMMARY TABLE FOR BODY POINT 7418
XB= 876.0 THETAB= 260.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2027E+000.1497E-01	123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	1.01	
15.00	0.3392E+000.2325E-01	124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.37	
20.00	0.4753E+000.3003E-01	126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.40	
25.00	0.6040E+000.3544E-01	127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	7.10	
30.00	0.7293E+000.3952E-01	128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	10.44	
35.00	0.7743E+000.4068E-01	129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	14.20	
40.00	0.8145E+000.4087E-01	130.33	0.1128E+04	1.00	0.90	-2.79	-2.02	0.3827E+07	0.1702E+05	965.30	18.17	
45.00	0.8063E+000.3978E-01	130.67	0.9560E+03	1.00	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	22.22	
50.00	0.7283E+000.3623E-01	130.50	0.7859E+03	0.98	1.15	-2.76	0.00	0.3759E+07	0.2584E+05	1183.00	26.06	
55.00	0.6661E+000.3286E-01	130.67	0.6465E+03	0.96	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	29.54	
60.00	0.6542E+000.2944E-01	132.62	0.5168E+03	0.96	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	32.84	
62.00	0.6807E+000.2816E-01	134.57	0.4686E+03	0.96	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	34.18	
64.00	0.7261E+000.2697E-01	137.32	0.4243E+03	0.97	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	35.58	
66.00	0.7877E+000.2573E-01	141.02	0.3826E+03	0.98	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	37.10	
68.00	0.8527E+000.2448E-01	145.24	0.3434E+03	0.99	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	38.74	
70.00	0.9151E+000.2310E-01	150.02	0.3069E+03	0.99	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	40.51	
72.00	0.9761E+000.2170E-01	155.38	0.2732E+03	1.00	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	42.40	
74.00	0.1042E+010.2040E-01	161.49	0.2424E+03	1.01	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	44.42	
76.00	0.1098E+010.1886E-01	168.60	0.2145E+03	1.01	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	46.56	
78.00	0.1155E+010.1742E-01	176.66	0.1890E+03	1.01	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	48.81	
80.00	0.1208E+010.1595E-01	186.09	0.1667E+03	1.02	2.42	0.44	-3.01	0.1941E+07	0.5957E+05	2313.00	51.17	
82.00	0.1263E+010.1476E-01	195.93	0.1481E+03	1.02	2.53	0.12	-3.46	0.1755E+07	0.6241E+05	2423.00	53.64	
84.00	0.1293E+010.1340E-01	206.89	0.1316E+03	1.02	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	56.20	
86.00	0.1300E+010.1201E-01	218.68	0.1172E+03	0.99	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	58.79	
88.00	0.1312E+010.1085E-01	231.36	0.1036E+03	0.99	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	61.40	
90.00	0.1308E+010.9739E-02	244.67	0.8988E+02	0.99	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	64.02	
92.00	0.1263E+010.8521E-02	258.59	0.7758E+02	0.97	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	66.59	
94.00	0.1216E+010.7460E-02	273.39	0.6705E+02	0.95	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	69.07	
96.00	0.1154E+010.6459E-02	289.10	0.5775E+02	0.93	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	71.44	
98.00	0.1079E+010.5717E-02	305.92	0.4888E+02	0.90	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	73.67	
100.00	0.1035E+010.4826E-02	324.83	0.4251E+02	0.88	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	75.79	
102.00	0.9593E+000.4109E-02	343.84	0.3506E+02	0.86	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	77.78	
104.00	0.7699E+000.3309E-02	364.22	0.2917E+02	0.82	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	79.58	
106.00	0.7223E+000.2433E-02	407.35	0.1816E+02	0.87	4.11	-0.89	0.00	0.3779E+06	0.1023E+06	3995.00	81.19	
108.00	0.6751E+000.2107E-02	430.88	0.1538E+02	0.87	4.23	-0.95	0.00	0.3264E+06	0.1061E+06	4143.00	82.68	
110.00	0.7433E+000.2154E-02	455.43	0.1746E+02	0.84	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	85.50	
112.00	0.7992E+000.2198E-02	474.03	0.1723E+02	0.89	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	87.04	
114.00	0.6513E+000.1734E-02	486.10	0.1318E+02	0.87	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	88.49	
116.00	0.5532E+000.1431E-02	497.04	0.1079E+02	0.84	4.50	0.16	-4.93	0.1470E+06	0.1252E+06	4665.00	89.70	
118.00	0.4795E+000.1210E-02	506.56	0.8934E+01	0.84	4.52	-0.03	-4.49	0.1244E+06	0.1290E+06	4715.00	90.73	
120.00	0.4529E+000.1120E-02	514.93	0.8056E+01	0.85	4.53	-0.14	-5.14	0.1054E+06	0.1327E+06	4754.00	91.66	
122.00	0.4371E+000.1059E-02	523.07	0.7501E+01	0.87	4.53	0.27	-6.11	0.8965E+05	0.1364E+06	4790.00	92.55	
124.00	0.4090E+000.9713E-03	531.45	0.6693E+01	0.89	4.54	-0.19	-6.47	0.7667E+05	0.1400E+06	4829.00	93.40	

SUMMARY TABLE FOR BODY POINT 7419
XB=1237.0 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1912E+000.1412E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.96
15.00	0.3204E+000.2196E-01		124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.23
20.00	0.4494E+000.2839E-01		126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.16
25.00	0.5714E+000.3353E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.71
30.00	0.6899E+000.3738E-01		128.86	0.1500E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.86
35.00	0.7328E+000.3849E-01		129.44	0.1304E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	13.42
40.00	0.7714E+000.3869E-01		130.34	0.1130E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	17.18
45.00	0.7827E+000.3848E-01		130.74	0.9776E+03	1.01	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	21.07
50.00	0.7698E+000.3888E-01		130.20	0.8182E+03	1.10	1.10	-4.11	-2.02	0.3759E+07	0.2584E+05	1183.00	24.95
55.00	0.7808E+000.3871E-01		130.57	0.6653E+03	1.18	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	28.83
60.00	0.8366E+000.3782E-01		132.52	0.5302E+03	1.28	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	32.87
62.00	0.8928E+000.3711E-01		134.46	0.4803E+03	1.32	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	34.60
64.00	0.9858E+000.3651E-01		137.40	0.4358E+03	1.37	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	36.48
66.00	0.1097E+010.3575E-01		141.09	0.3917E+03	1.41	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	38.56
68.00	0.1214E+010.3479E-01		145.30	0.3510E+03	1.46	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	40.87
70.00	0.1336E+010.3369E-01		150.07	0.3119E+03	1.52	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	43.42
72.00	0.1464E+010.3252E-01		155.41	0.2762E+03	1.57	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	46.22
74.00	0.1600E+010.3131E-01		161.50	0.2435E+03	1.64	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	2100.00	52.63
76.00	0.1747E+010.3000E-01		168.62	0.2138E+03	1.71	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2206.00	56.27
78.00	0.1892E+010.2858E-01		176.61	0.1864E+03	1.78	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2313.00	60.19
80.00	0.2028E+010.2684E-01		185.96	0.1609E+03	1.85	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2423.00	64.38
82.00	0.2158E+010.2530E-01		195.72	0.1398E+03	1.93	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2539.00	68.84
84.00	0.2300E+010.2390E-01		206.61	0.1220E+03	2.01	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2656.00	73.57
86.00	0.2430E+010.2252E-01		218.30	0.1064E+03	2.10	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2777.00	78.53
88.00	0.2535E+010.2104E-01		230.88	0.9218E+02	2.19	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2901.00	83.65
90.00	0.2587E+010.1935E-01		244.13	0.7962E+02	2.25	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	3025.00	88.67
92.00	0.2429E+010.1646E-01		258.01	0.6862E+02	2.15	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3154.00	93.34
94.00	0.2242E+010.1381E-01		272.77	0.5910E+02	2.03	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3286.00	97.64
96.00	0.2054E+010.1154E-01		288.45	0.5072E+02	1.91	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3422.00	101.55
98.00	0.1854E+010.9510E-02		305.31	0.4340E+02	1.78	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3566.00	105.10
100.00	0.1702E+010.7966E-02		324.11	0.3703E+02	1.70	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3705.00	108.34
102.00	0.1533E+010.6591E-02		343.01	0.3091E+02	1.63	3.73	-1.01	-4.52	0.5054E+06	0.9500E+05	3850.00	111.21
104.00	0.1336E+010.5278E-02		363.60	0.2612E+02	1.50	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3995.00	113.72
106.00	0.1174E+010.4277E-02		384.92	0.2221E+02	1.39	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	4143.00	115.99
108.00	0.1095E+010.3684E-02		407.57	0.1889E+02	1.37	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4293.00	118.12
110.00	0.1042E+010.3248E-02		431.14	0.1608E+02	1.39	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4432.00	120.23
112.00	0.1026E+010.2840E-02		454.09	0.1406E+02	1.49	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4535.00	122.32
114.00	0.0885E+000.2367E-02		471.73	0.1202E+02	1.56	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4605.00	124.23
116.00	0.7767E+000.2016E-02		484.51	0.1032E+02	1.49	4.47	-1.89	-5.59	0.1738E+06	0.1252E+06	4665.00	125.89
118.00	0.6810E+000.1724E-02		495.62	0.8686E+01	1.47	4.50	-1.58	-4.93	0.1470E+06	0.1290E+06	4715.00	127.35
120.00	0.6284E+000.1559E-02		505.33	0.7411E+01	1.44	4.52	-1.50	-5.14	0.1244E+06	0.1327E+06	4754.00	128.66
122.00	0.5832E+000.1420E-02		513.47	0.6469E+01	1.47	4.52	-1.80	-5.14	0.1054E+06	0.1364E+06	4790.00	129.87
124.00	0.5329E+000.1271E-02		521.26	0.5764E+01	1.49	4.53	-2.46	-6.11	0.8965E+05	0.1400E+06	4829.00	130.98
126.00	0.5832E+000.1271E-02		529.60	0.5126E+01	1.49	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	130.98

SUMMARY TABLE FOR BODY POINT 7420
XB=1237.0 THETAB= 99.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1912E+000.1412E-01	0.2027E+000.1412E-01	123.94	0.2027E+04	1.00	0.16	0.11	-0.29	0.1126E+07	0.1350E+04	183.10	0.96
15.00	0.3204E+000.2196E-01	0.3204E+000.2196E-01	124.99	0.1921E+04	1.00	0.27	1.36	-1.62	0.1788E+07	0.2823E+04	306.30	2.23
20.00	0.4494E+000.2839E-01	0.4494E+000.2839E-01	126.23	0.1821E+04	1.00	0.39	2.61	-2.94	0.2391E+07	0.4296E+04	429.50	4.16
25.00	0.5715E+000.3354E-01	0.5715E+000.3354E-01	127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	6.71
30.00	0.6903E+000.3741E-01	0.6903E+000.3741E-01	128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	9.87
35.00	0.7329E+000.3850E-01	0.7329E+000.3850E-01	129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	13.42
40.00	0.7711E+000.3869E-01	0.7711E+000.3869E-01	130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	17.18
45.00	0.7697E+000.3798E-01	0.7697E+000.3798E-01	130.67	0.9552E+03	1.01	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	21.04
50.00	0.7305E+000.3663E-01	0.7305E+000.3663E-01	130.34	0.7926E+03	1.04	1.15	-4.41	2.02	0.3759E+07	0.2584E+05	1183.00	24.79
55.00	0.7055E+000.3477E-01	0.7055E+000.3477E-01	130.69	0.6458E+03	1.08	1.29	-4.15	2.12	0.3657E+07	0.3059E+05	1301.00	28.38
60.00	0.7170E+000.3223E-01	0.7170E+000.3223E-01	132.64	0.5160E+03	1.11	1.46	-3.78	2.06	0.3496E+07	0.3556E+05	1435.00	31.93
64.00	0.7990E+000.2869E-01	0.7990E+000.2869E-01	137.31	0.4231E+03	1.13	1.62	-3.57	1.82	0.3282E+07	0.3975E+05	1569.00	33.40
66.00	0.8676E+000.2835E-01	0.8676E+000.2835E-01	141.00	0.3812E+03	1.14	1.71	-3.35	1.80	0.3151E+07	0.4195E+05	1647.00	36.61
68.00	0.9375E+000.2692E-01	0.9375E+000.2692E-01	145.22	0.3418E+03	1.15	1.80	-3.23	1.78	0.3003E+07	0.4423E+05	1729.00	38.42
70.00	0.1009E+010.2548E-01	0.1009E+010.2548E-01	150.01	0.3054E+03	1.16	1.89	-3.01	1.86	0.2845E+07	0.4658E+05	1814.00	40.36
72.00	0.1078E+010.2397E-01	0.1078E+010.2397E-01	155.36	0.2718E+03	1.17	1.99	-2.69	1.94	0.2681E+07	0.4902E+05	1904.00	42.45
74.00	0.1154E+010.2259E-01	0.1154E+010.2259E-01	161.47	0.2411E+03	1.19	2.10	-2.41	2.12	0.2515E+07	0.5153E+05	1999.00	44.68
76.00	0.1238E+010.2126E-01	0.1238E+010.2126E-01	168.63	0.2132E+03	1.21	2.21	-2.14	2.34	0.2341E+07	0.5473E+05	2100.00	47.07
78.00	0.1368E+010.2065E-01	0.1368E+010.2065E-01	176.67	0.1894E+03	1.27	2.32	0.79	2.61	0.2152E+07	0.5681E+05	2206.00	49.68
80.00	0.1506E+010.1989E-01	0.1506E+010.1989E-01	186.10	0.1672E+03	1.34	2.42	0.94	3.01	0.1941E+07	0.5957E+05	2313.00	52.55
82.00	0.1524E+010.1782E-01	0.1524E+010.1782E-01	195.93	0.1484E+03	1.31	2.53	0.41	3.46	0.1755E+07	0.6247E+05	2423.00	55.58
84.00	0.1587E+010.1645E-01	0.1587E+010.1645E-01	206.88	0.1311E+03	1.32	2.64	-0.98	3.98	0.1574E+07	0.6532E+05	2539.00	58.69
86.00	0.1681E+010.1553E-01	0.1681E+010.1553E-01	218.67	0.1170E+03	1.36	2.75	-1.27	4.60	0.1402E+07	0.6831E+05	2656.00	61.96
88.00	0.1756E+010.1452E-01	0.1756E+010.1452E-01	231.36	0.1034E+03	1.40	2.87	-1.57	5.13	0.1244E+07	0.7139E+05	2777.00	65.40
90.00	0.1770E+010.1318E-01	0.1770E+010.1318E-01	244.66	0.8971E+02	1.42	2.98	-1.62	5.10	0.1100E+07	0.7454E+05	2901.00	68.92
92.00	0.1612E+010.1088E-01	0.1612E+010.1088E-01	258.58	0.7737E+02	1.31	3.10	-1.64	5.00	0.9720E+06	0.7777E+05	3025.00	72.31
94.00	0.1445E+010.8866E-02	0.1445E+010.8866E-02	273.37	0.6679E+02	1.20	3.22	-1.63	4.94	0.8583E+06	0.8108E+05	3154.00	75.36
96.00	0.1293E+010.7239E-02	0.1293E+010.7239E-02	289.08	0.5754E+02	1.10	3.35	-1.62	4.87	0.7572E+06	0.8446E+05	3286.00	78.10
98.00	0.1182E+010.6044E-02	0.1182E+010.6044E-02	305.90	0.4864E+02	1.05	3.47	-1.59	4.51	0.6662E+06	0.8791E+05	3422.00	80.58
100.00	0.1096E+010.5124E-02	0.1096E+010.5124E-02	324.21	0.3764E+02	1.08	3.61	-1.60	2.36	0.5826E+06	0.9142E+05	3566.00	82.85
102.00	0.9962E+000.4279E-02	0.9962E+000.4279E-02	343.21	0.3202E+02	1.03	3.73	-1.57	2.26	0.5054E+06	0.9500E+05	3705.00	84.95
104.00	0.9609E+000.3786E-02	0.9609E+000.3786E-02	364.19	0.2897E+02	1.00	3.86	-1.61	3.62	0.4373E+06	0.9864E+05	3850.00	86.90
106.00	0.9444E+000.3434E-02	0.9444E+000.3434E-02	385.38	0.2400E+02	1.06	3.98	-1.63	3.09	0.3779E+06	0.1023E+06	3995.00	88.81
108.00	0.9014E+000.3028E-02	0.9014E+000.3028E-02	408.05	0.2041E+02	1.07	4.11	-1.65	3.03	0.3264E+06	0.1061E+06	4143.00	90.65
110.00	0.8266E+000.2573E-02	0.8266E+000.2573E-02	431.70	0.1758E+02	1.03	4.23	-1.70	2.62	0.2814E+06	0.1099E+06	4293.00	92.38
112.00	0.7398E+000.2151E-02	0.7398E+000.2151E-02	454.31	0.1455E+02	1.01	4.35	-1.59	2.49	0.2416E+06	0.1137E+06	4432.00	93.95
114.00	0.6909E+000.1910E-02	0.6909E+000.1910E-02	472.21	0.1295E+02	1.00	4.42	-1.72	3.49	0.2055E+06	0.1176E+06	4535.00	95.38
116.00	0.6746E+000.1802E-02	0.6746E+000.1802E-02	484.70	0.1060E+02	1.11	4.47	-1.89	2.79	0.1738E+06	0.1214E+06	4605.00	96.74
118.00	0.5345E+000.1387E-02	0.5345E+000.1387E-02	495.82	0.8942E+01	0.99	4.50	-1.58	2.47	0.1470E+06	0.1252E+06	4665.00	97.95
120.00	0.4854E+000.1231E-02	0.4854E+000.1231E-02	504.83	0.6865E+01	1.08	4.52	-1.44	-4.49	0.1244E+06	0.1290E+06	4715.00	98.97
122.00	0.4586E+000.1137E-02	0.4586E+000.1137E-02	513.63	0.6611E+01	1.06	4.52	-1.80	2.57	0.1054E+06	0.1327E+06	4754.00	99.92
124.00	0.5078E+000.1236E-02	0.5078E+000.1236E-02	521.32	0.5811E+01	1.29	4.53	-2.46	3.05	0.8965E+05	0.1364E+06	4790.00	100.88
126.00	0.4899E+000.1169E-02	0.4899E+000.1169E-02	529.50	0.5060E+01	1.38	4.54	-3.00	3.24	0.7667E+05	0.1400E+06	4829.00	101.88

SUMMARY TABLE FOR BODY POINT 7421
XB=1237.0 THETAB= 279.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1912E+000.1412E-01	0.2027E+04	123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.96
15.00	0.3204E+000.2196E-01	0.1921E+04	124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.23
20.00	0.4494E+000.2839E-01	0.1821E+04	126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.16
25.00	0.5715E+000.354E-01	0.1633E+04	127.44	0.1633E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.71
30.00	0.6903E+000.3741E-01	0.1498E+04	128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.87
35.00	0.7329E+000.3850E-01	0.1302E+04	129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	13.42
40.00	0.7712E+000.3869E-01	0.1129E+04	130.33	0.1129E+04	1.00	0.90	-3.48	-2.02	0.3827E+07	0.1702E+05	965.30	17.18
45.00	0.7694E+000.3792E-01	0.0961E+03	130.69	0.0961E+03	1.00	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	21.04
50.00	0.7155E+000.3568E-01	0.07881E+03	130.45	0.07881E+03	1.02	1.15	-2.76	0.00	0.3759E+07	0.2584E+05	1183.00	24.75
55.00	0.6773E+000.3363E-01	0.06521E+03	130.54	0.06521E+03	1.04	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	28.23
60.00	0.6812E+000.3080E-01	0.05214E+03	132.52	0.05214E+03	1.05	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	31.63
62.00	0.7138E+000.2937E-01	0.04635E+03	134.71	0.04635E+03	1.07	1.53	-1.85	0.00	0.3395E+07	0.3763E+05	1497.00	33.02
64.00	0.7632E+000.2839E-01	0.04188E+03	137.28	0.04188E+03	1.09	1.62	-1.43	0.00	0.3282E+07	0.3975E+05	1569.00	34.50
66.00	0.8346E+000.2730E-01	0.03766E+03	140.97	0.03766E+03	1.10	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	36.10
68.00	0.9095E+000.2615E-01	0.03371E+03	145.18	0.03371E+03	1.13	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	37.84
70.00	0.9827E+000.2484E-01	0.03004E+03	149.96	0.03004E+03	1.14	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	39.73
72.00	0.1055E+010.2350E-01	0.02664E+03	155.30	0.02664E+03	1.16	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	41.77
74.00	0.1130E+010.2215E-01	0.02352E+03	161.39	0.02352E+03	1.18	2.10	0.05	0.00	0.2515E+07	0.5153E+05	1999.00	43.95
76.00	0.1194E+010.2045E-01	0.02070E+03	168.80	0.02070E+03	1.19	2.21	-0.28	0.00	0.2341E+07	0.5413E+05	2100.00	46.28
78.00	0.1260E+010.1906E-01	0.01812E+03	176.52	0.01812E+03	1.21	2.32	0.16	0.00	0.2152E+07	0.5681E+05	2206.00	48.73
80.00	0.1323E+010.1753E-01	0.01580E+03	185.90	0.01580E+03	1.22	2.42	-0.05	0.00	0.1941E+07	0.5957E+05	2313.00	51.32
82.00	0.1365E+010.1601E-01	0.01377E+03	195.67	0.01377E+03	1.23	2.53	0.12	0.00	0.1755E+07	0.6241E+05	2423.00	54.01
84.00	0.1389E+010.1445E-01	0.01197E+03	206.54	0.01197E+03	1.23	2.64	-0.34	0.00	0.1574E+07	0.6532E+05	2539.00	56.76
86.00	0.1439E+010.1328E-01	0.01189E+03	218.73	0.01189E+03	1.15	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	59.59
88.00	0.1505E+010.1243E-01	0.01057E+03	231.45	0.01057E+03	1.18	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	62.53
90.00	0.1509E+010.1123E-01	0.09182E+02	244.77	0.09182E+02	1.19	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	65.55
92.00	0.1461E+010.9849E-02	0.07931E+02	258.69	0.07931E+02	1.17	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	68.52
94.00	0.1404E+010.8606E-02	0.06853E+02	273.50	0.06853E+02	1.15	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	71.38
96.00	0.1341E+010.7497E-02	0.05903E+02	289.22	0.05903E+02	1.12	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	74.12
98.00	0.1256E+010.6420E-02	0.05002E+02	306.04	0.05002E+02	1.10	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	76.72
100.00	0.1210E+010.5641E-02	0.04353E+02	324.95	0.04353E+02	1.08	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	79.19
102.00	0.1132E+010.4847E-02	0.03695E+02	343.97	0.03695E+02	1.06	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	81.53
104.00	0.1023E+010.4029E-02	0.02997E+02	364.36	0.02997E+02	1.04	3.86	-0.84	-3.62	0.4373E+06	0.9864E+05	3850.00	83.68
106.00	0.9420E+000.3434E-02	0.02155E+02	384.75	0.02155E+02	1.14	3.98	-0.84	0.00	0.3779E+06	0.1023E+06	3995.00	85.65
108.00	0.8852E+000.2981E-02	0.01828E+02	407.38	0.01828E+02	1.13	4.11	-0.89	0.00	0.3264E+06	0.1061E+06	4143.00	87.48
110.00	0.8467E+000.2633E-02	0.01831E+02	431.93	0.01831E+02	1.03	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	89.21
112.00	0.8843E+000.2562E-02	0.01796E+02	455.62	0.01796E+02	1.04	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	90.94
114.00	0.9955E+000.2736E-02	0.01783E+02	474.25	0.01783E+02	1.15	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	92.82
116.00	0.7658E+000.2038E-02	0.01347E+02	486.26	0.01347E+02	1.07	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	94.58
118.00	0.6398E+000.1654E-02	0.01098E+02	497.15	0.01098E+02	1.03	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	95.99
120.00	0.5592E+000.1411E-02	0.009108E+01	506.69	0.009108E+01	1.03	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	97.19
122.00	0.5252E+000.1298E-02	0.008246E+01	515.10	0.008246E+01	1.04	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	98.27
124.00	0.5391E+000.1306E-02	0.007772E+01	523.31	0.007772E+01	1.12	4.53	-2.46	-6.11	0.0865E+05	0.1364E+06	4790.00	99.33
126.00	0.5212E+000.1237E-02	0.007038E+01	531.80	0.007038E+01	1.16	4.54	-3.00	-6.47	0.0766E+05	0.1400E+06	4829.00	100.40

SUMMARY TABLE FOR BODY POINT 7687
XB= 632.7 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	LOAD
10.00	0.2161E+000.1595E-01	123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	1.08	
15.00	0.3608E+000.2474E-01	124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.52	
20.00	0.5051E+000.3191E-01	126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.69	
25.00	0.6413E+000.3764E-01	127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	7.55	
30.00	0.7737E+000.4192E-01	128.86	0.1500E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	11.09	
35.00	0.8217E+000.4315E-01	129.44	0.1304E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	15.08	
40.00	0.8649E+000.4338E-01	130.34	0.1130E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	19.30	
45.00	0.8640E+000.4247E-01	130.74	0.9776E+03	1.00	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	23.62	
50.00	0.7799E+000.3939E-01	130.20	0.8182E+03	0.99	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	27.73	
55.00	0.7261E+000.3600E-01	130.57	0.6653E+03	0.98	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	31.49	
60.00	0.7142E+000.3224E-01	132.55	0.5198E+03	0.98	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	35.09	
62.00	0.7388E+000.3060E-01	134.54	0.4698E+03	0.98	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	36.55	
64.00	0.7855E+000.2909E-01	137.40	0.4358E+03	0.97	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	38.07	
66.00	0.8426E+000.2746E-01	141.09	0.3917E+03	0.97	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	39.70	
70.00	0.8996E+000.2577E-01	145.30	0.3510E+03	0.96	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	41.44	
72.00	0.9548E+000.2407E-01	150.07	0.3119E+03	0.96	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	43.30	
74.00	0.1009E+010.2244E-01	155.36	0.2717E+03	0.98	1.99	-1.48	-1.94	0.2681E+07	0.4902E+05	1904.00	45.26	
76.00	0.1065E+010.2087E-01	161.42	0.2372E+03	0.99	2.10	-0.28	-2.12	0.2515E+07	0.5153E+05	1999.00	47.33	
78.00	0.1126E+010.1928E-01	168.78	0.2078E+03	0.99	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	49.52	
80.00	0.1179E+010.1782E-01	176.54	0.1826E+03	1.00	2.32	-0.47	-2.61	0.2152E+07	0.5681E+05	2206.00	51.83	
82.00	0.1238E+010.1640E-01	185.90	0.1581E+03	1.02	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	54.24	
84.00	0.1305E+010.1357E-01	206.56	0.1204E+03	1.02	2.64	-0.34	-3.46	0.1755E+07	0.6241E+05	2423.00	56.76	
86.00	0.1319E+010.1223E-01	218.26	0.1055E+03	1.02	2.75	-0.89	-3.98	0.1574E+07	0.6532E+05	2539.00	59.34	
88.00	0.1325E+010.1100E-01	230.83	0.9136E+02	1.02	2.87	-1.16	-5.13	0.1402E+07	0.6831E+05	2656.00	61.96	
90.00	0.1315E+010.9835E-02	244.08	0.7869E+02	1.02	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2777.00	64.61	
92.00	0.1392E+010.9435E-02	257.94	0.6762E+02	1.10	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	67.25	
94.00	0.1491E+010.9185E-02	272.68	0.5802E+02	1.21	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	69.95	
96.00	0.1576E+010.8856E-02	288.35	0.4978E+02	1.31	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	72.84	
98.00	0.1610E+010.8267E-02	305.18	0.4240E+02	1.39	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	75.90	
100.00	0.1719E+010.8047E-02	323.97	0.3608E+02	1.54	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	79.09	
102.00	0.1724E+010.7411E-02	342.97	0.3069E+02	1.62	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	82.42	
104.00	0.1529E+010.6037E-02	363.60	0.2612E+02	1.51	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	85.86	
106.00	0.1371E+010.4993E-02	384.92	0.2221E+02	1.43	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	89.11	
108.00	0.1289E+010.4334E-02	407.77	0.1952E+02	1.39	4.11	-1.65	-3.00	0.3264E+06	0.1061E+06	4143.00	92.01	
110.00	0.1275E+010.3975E-02	431.14	0.1608E+02	1.49	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	94.67	
112.00	0.1776E+010.5172E-02	453.86	0.1356E+02	2.24	4.35	-0.81	5.24	0.2416E+06	0.1137E+06	4432.00	97.24	
114.00	0.1805E+010.5002E-02	471.35	0.1134E+02	2.51	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	100.29	
116.00	0.1415E+010.3789E-02	483.92	0.9421E+01	2.22	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	103.87	
118.00	0.1357E+010.3525E-02	495.23	0.8194E+01	2.34	4.50	-0.42	-4.93	0.1470E+06	0.1252E+06	4665.00	107.09	
120.00	0.1046E+010.2653E-02	504.83	0.6875E+01	2.04	4.52	-0.03	4.49	0.1244E+06	0.1290E+06	4715.00	109.86	
122.00	0.1094E+010.2717E-02	512.90	0.5945E+01	2.37	4.52	-0.14	5.14	0.1054E+06	0.1327E+06	4754.00	112.26	
124.00	0.9672E+000.2359E-02	520.61	0.5268E+01	2.29	4.53	-0.64	-6.11	0.0896E+05	0.1364E+06	4790.00	114.40	
126.00	0.9079E+000.2171E-02	528.55	0.4461E+01	2.42	4.54	-0.19	-6.47	0.0766E+05	0.1400E+06	4829.00	116.46	
												118.34

SUMMARY TABLE FOR BODY POINT 7688
XB= 620.0 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2168E+000.1600E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	1.08
15.00	0.3620E+000.2482E-01		124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.53
20.00	0.5067E+000.3201E-01		126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	4.70
25.00	0.6434E+000.3776E-01		127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	7.58
30.00	0.7765E+000.4208E-01		128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	11.13
35.00	0.8244E+000.4331E-01		129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	15.13
40.00	0.8673E+000.4351E-01		130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	19.36
45.00	0.8526E+000.4205E-01		130.68	0.9584E+03	0.99	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	23.66
50.00	0.7547E+000.3754E-01		130.50	0.7859E+03	0.95	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	27.68
55.00	0.6718E+000.3284E-01		130.86	0.6387E+03	0.91	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	31.24
60.00	0.6269E+000.2799E-01		132.80	0.5094E+03	0.86	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	34.49
62.00	0.6328E+000.2600E-01		134.74	0.4624E+03	0.84	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	35.75
64.00	0.6494E+000.2416E-01		137.27	0.4179E+03	0.82	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	37.03
66.00	0.6792E+000.2222E-01		140.96	0.3759E+03	0.80	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	38.36
68.00	0.7082E+000.2036E-01		145.18	0.3367E+03	0.78	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	39.75
70.00	0.7324E+000.1852E-01		149.95	0.3001E+03	0.76	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	41.19
72.00	0.7493E+000.1669E-01		155.30	0.2663E+03	0.73	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	42.67
74.00	0.7635E+000.1497E-01		161.39	0.2352E+03	0.71	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	44.18
76.00	0.7775E+000.1331E-01		168.80	0.2068E+03	0.69	2.21	-1.73	-2.34	0.2341E+07	0.5413E+05	2100.00	45.72
78.00	0.7772E+000.1175E-01		176.52	0.1812E+03	0.66	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	47.28
80.00	0.7621E+000.1009E-01		185.90	0.1580E+03	0.62	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	48.82
82.00	0.7453E+000.7741E-02		195.67	0.1377E+03	0.60	2.53	-0.76	-1.73	0.1755E+07	0.6241E+05	2423.00	50.33
84.00	0.7499E+000.7801E-02		206.54	0.1195E+03	0.59	2.64	-0.98	-1.99	0.1574E+07	0.6532E+05	2539.00	51.82
86.00	0.7528E+000.6984E-02		218.18	0.1034E+03	0.59	2.75	-1.27	-2.30	0.1402E+07	0.6831E+05	2656.00	53.32
88.00	0.7522E+000.6252E-02		230.71	0.8905E+02	0.59	2.87	-1.57	-2.56	0.1244E+07	0.7139E+05	2777.00	54.83
90.00	0.7322E+000.5483E-02		243.95	0.7657E+02	0.58	2.98	-1.62	-2.55	0.1100E+07	0.7454E+05	2901.00	56.31
92.00	0.7322E+000.4968E-02		257.80	0.6573E+02	0.59	3.10	-1.64	-2.50	0.9720E+06	0.7777E+05	3025.00	57.78
94.00	0.7339E+000.4526E-02		272.54	0.5651E+02	0.60	3.22	-1.63	-2.47	0.8583E+06	0.8108E+05	3154.00	59.24
96.00	0.7286E+000.4098E-02		288.20	0.4834E+02	0.62	3.35	-1.62	-2.44	0.7572E+06	0.8446E+05	3286.00	60.71
98.00	0.7216E+000.3708E-02		305.04	0.4124E+02	0.63	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	62.16
100.00	0.7224E+000.3385E-02		323.80	0.3504E+02	0.66	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	63.60
102.00	0.7105E+000.3057E-02		342.81	0.2977E+02	0.68	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	65.03
104.00	0.6869E+000.2715E-02		363.41	0.2527E+02	0.69	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	66.43
106.00	0.6562E+000.2392E-02		384.72	0.2143E+02	0.70	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	3995.00	67.77
108.00	0.6204E+000.2089E-02		407.35	0.1816E+02	0.70	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	69.05
110.00	0.5893E+000.1839E-02		430.88	0.1538E+02	0.71	4.23	-1.70	-5.24	0.2814E+06	0.1099E+06	4293.00	70.26
112.00	0.5787E+000.1686E-02		453.63	0.1303E+02	0.80	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4432.00	71.43
114.00	0.5678E+000.1574E-02		471.20	0.1105E+02	0.75	4.35	-1.59	-5.59	0.1738E+06	0.1137E+06	4535.00	72.57
116.00	0.4930E+000.1320E-02		483.91	0.9396E+01	0.77	4.47	-1.89	-4.93	0.1470E+06	0.1252E+06	4605.00	73.64
118.00	0.4233E+000.1100E-02		495.09	0.8016E+01	0.74	4.50	-1.58	-5.59	0.1244E+06	0.1377E+06	4665.00	74.55
120.00	0.3725E+000.9443E-03		504.83	0.6865E+01	0.72	4.52	-1.50	-4.49	0.1054E+06	0.1377E+06	4715.00	75.35
122.00	0.3478E+000.8642E-03		512.86	0.5902E+01	0.76	4.52	-1.80	-5.14	0.1054E+06	0.1377E+06	4754.00	76.07
124.00	0.3393E+000.8276E-03		520.39	0.5095E+01	0.82	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	76.75
126.00	0.3226E+000.7715E-03		528.48	0.4415E+01	0.86	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	77.42

SUMMARY TABLE FOR BODY POINT 7689
XB= 620.0 THETAB= 180.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2168E+000.1600E-01	123.94	0.2027E+04	1.00	0.16	-0.27	0.58	0.1126E+07	0.1350E+04	183.10	1.08	1.08
15.00	0.3620E+000.2482E-01	124.99	0.1921E+04	1.00	0.27	-0.01	3.23	0.1788E+07	0.2823E+04	306.30	2.53	2.53
20.00	0.5066E+000.3201E-01	126.23	0.1821E+04	1.00	0.39	0.48	-2.94	0.2391E+07	0.4296E+04	429.50	4.70	4.70
25.00	0.6434E+000.3776E-01	127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	7.58	7.58
30.00	0.7765E+000.4208E-01	128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	11.13	11.13
35.00	0.8244E+000.4331E-01	129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	15.13	15.13
40.00	0.8671E+000.4351E-01	130.33	0.1127E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	19.36	19.36
45.00	0.8535E+000.4216E-01	130.64	0.9490E+03	0.99	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	23.66	23.66
50.00	0.7646E+000.3803E-01	130.50	0.7859E+03	0.96	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	27.71	27.71
55.00	0.6903E+000.3374E-01	130.86	0.6387E+03	0.93	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	31.34	31.34
60.00	0.6656E+000.2972E-01	132.80	0.5094E+03	0.91	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	34.73	34.73
62.00	0.6869E+000.2822E-01	134.74	0.4624E+03	0.91	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	36.08	36.08
64.00	0.7215E+000.2685E-01	137.27	0.4179E+03	0.91	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	37.49	37.49
66.00	0.7776E+000.2544E-01	140.96	0.3759E+03	0.91	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	38.99	38.99
68.00	0.8364E+000.2405E-01	145.18	0.3367E+03	0.92	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	40.61	40.61
70.00	0.8929E+000.2257E-01	149.95	0.3001E+03	0.92	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	42.34	42.34
72.00	0.9475E+000.2110E-01	155.30	0.2663E+03	0.93	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	44.18	44.18
74.00	0.1008E+010.1976E-01	161.39	0.2354E+03	0.94	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	46.13	46.13
76.00	0.1065E+010.1825E-01	168.77	0.2079E+03	0.94	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	48.20	48.20
78.00	0.1119E+010.1691E-01	176.56	0.1835E+03	0.94	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2206.00	50.39	50.39
80.00	0.1173E+010.1553E-01	185.96	0.1606E+03	0.95	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	52.68	52.68
82.00	0.1215E+010.1425E-01	195.70	0.1388E+03	0.97	2.53	0.41	-3.46	0.1755E+07	0.6241E+05	2423.00	55.07	55.07
84.00	0.1239E+010.1289E-01	206.54	0.1195E+03	0.97	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	57.52	57.52
86.00	0.1250E+010.1160E-01	218.18	0.1034E+03	0.98	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	60.01	60.01
88.00	0.1263E+010.1050E-01	230.71	0.8905E+02	0.99	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	62.53	62.53
90.00	0.1251E+010.9368E-02	243.95	0.7657E+02	0.99	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	65.04	65.04
92.00	0.1223E+010.8300E-02	257.80	0.6573E+02	0.98	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	67.51	67.51
94.00	0.1199E+010.7397E-02	272.54	0.5651E+02	0.98	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	69.94	69.94
96.00	0.1157E+010.6508E-02	288.20	0.4834E+02	0.98	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	72.29	72.29
98.00	0.1110E+010.5705E-02	305.04	0.4124E+02	0.97	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	74.56	74.56
100.00	0.1077E+010.5047E-02	323.80	0.3504E+02	0.98	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	76.75	76.75
102.00	0.1022E+010.4399E-02	342.81	0.2977E+02	0.98	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	78.85	78.85
104.00	0.9533E+000.3768E-02	363.41	0.2527E+02	0.96	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	80.82	80.82
106.00	0.8944E+000.3260E-02	384.72	0.2143E+02	0.95	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	82.67	82.67
108.00	0.8395E+000.2827E-02	407.35	0.1816E+02	0.95	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	84.41	84.41
110.00	0.7874E+000.2457E-02	430.88	0.1538E+02	0.95	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	86.03	86.03
112.00	0.7660E+000.2232E-02	453.63	0.1303E+02	0.99	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	87.59	87.59
114.00	0.7224E+000.2002E-02	471.20	0.1105E+02	1.02	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	89.07	89.07
116.00	0.6687E+000.1790E-02	483.91	0.9396E+01	1.05	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	90.47	90.47
118.00	0.6141E+000.1595E-02	495.34	0.8331E+01	1.04	4.50	1.44	-4.93	0.1470E+06	0.1252E+06	4665.00	91.75	91.75
120.00	0.5578E+000.1412E-02	505.31	0.7391E+01	1.03	4.52	1.44	-4.49	0.1244E+06	0.1290E+06	4715.00	92.92	92.92
122.00	0.5054E+000.1254E-02	513.38	0.6383E+01	1.04	4.52	1.53	-5.14	0.1054E+06	0.1327E+06	4754.00	93.98	93.98
124.00	0.4540E+000.1106E-02	520.81	0.5417E+01	1.05	4.53	1.18	-6.11	0.8965E+05	0.1364E+06	4790.00	94.94	94.94
126.00	0.4046E+000.9671E-03	528.76	0.4590E+01	1.06	4.54	0.74	-6.47	0.7667E+05	0.1400E+06	4829.00	95.80	95.80

SUMMARY TABLE FOR BODY POINT 7690
XB= 620.0 THETAB= 282.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2168E+000.1600E-01	0.2027E+04	123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	1.08
15.00	0.3620E+000.2482E-01	0.1921E+04	124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.53
20.00	0.5067E+000.3201E-01	0.1821E+04	126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.70
25.00	0.6434E+000.3776E-01	0.1653E+04	127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	7.58
30.00	0.7765E+000.4208E-01	0.1498E+04	128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	11.13
35.00	0.8246E+000.4351E-01	0.1302E+04	129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	15.13
40.00	0.8674E+000.4351E-01	0.1129E+04	130.33	0.1129E+04	1.00	0.90	-3.48	-2.02	0.3827E+07	0.1702E+05	965.30	19.36
45.00	0.8639E+000.4257E-01	0.9623E+03	130.69	0.9623E+03	1.00	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	23.69
50.00	0.8000E+000.3979E-01	0.7859E+03	130.50	0.7859E+03	1.01	1.15	-4.41	2.02	0.3759E+07	0.2584E+05	1183.00	27.85
55.00	0.7496E+000.3664E-01	0.6387E+03	130.86	0.6387E+03	1.01	1.29	-4.15	2.12	0.3657E+07	0.3059E+05	1301.00	31.72
60.00	0.7464E+000.3373E-01	0.5208E+03	132.53	0.5208E+03	1.02	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	35.46
62.00	0.7778E+000.3227E-01	0.4714E+03	134.50	0.4714E+03	1.03	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	36.99
64.00	0.8324E+000.3090E-01	0.3734	137.34	0.4766E+03	1.04	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	38.60
66.00	0.9026E+000.2947E-01	0.3843E+03	141.03	0.3843E+03	1.04	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	40.33
68.00	0.9738E+000.2795E-01	0.3444E+03	145.25	0.3444E+03	1.05	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	42.21
70.00	0.1048E+010.2639E-01	0.3076E+03	150.03	0.3076E+03	1.06	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	44.23
72.00	0.1116E+010.2481E-01	0.2735E+03	155.38	0.2735E+03	1.07	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	46.39
74.00	0.1190E+010.2330E-01	0.2423E+03	161.48	0.2423E+03	1.08	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	48.69
76.00	0.1264E+010.2171E-01	0.2140E+03	168.61	0.2140E+03	1.09	2.21	0.16	-2.34	0.2341E+07	0.5413E+05	2100.00	51.15
78.00	0.1339E+010.2021E-01	0.1888E+03	176.66	0.1888E+03	1.10	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	53.75
80.00	0.1414E+010.1869E-01	0.1664E+03	186.08	0.1664E+03	1.12	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	56.40
82.00	0.1487E+010.1739E-01	0.1477E+03	195.92	0.1477E+03	1.13	2.53	0.12	-3.46	0.1755E+07	0.6241E+05	2423.00	59.41
84.00	0.1552E+010.1608E-01	0.1321E+03	206.91	0.1321E+03	1.14	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	62.44
86.00	0.1598E+010.1475E-01	0.1187E+03	218.73	0.1187E+03	1.13	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	65.59
88.00	0.1629E+010.1346E-01	0.1055E+03	231.44	0.1055E+03	1.13	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	68.82
90.00	0.1632E+010.1215E-01	0.9154E+02	244.75	0.9154E+02	1.14	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	72.08
92.00	0.1645E+010.1109E-01	0.7900E+02	258.67	0.7900E+02	1.17	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	75.36
94.00	0.1655E+010.1015E-01	0.6818E+02	273.47	0.6818E+02	1.20	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	78.66
96.00	0.1647E+010.9212E-02	0.5880E+02	289.19	0.5880E+02	1.22	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	81.96
98.00	0.1598E+010.8169E-02	0.4970E+02	306.00	0.4970E+02	1.23	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	85.20
100.00	0.1607E+010.7492E-02	0.4323E+02	324.92	0.4323E+02	1.27	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	88.41
102.00	0.1548E+010.6625E-02	0.3703E+02	343.98	0.3703E+02	1.27	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	91.56
104.00	0.1396E+010.5496E-02	0.3006E+02	364.38	0.3006E+02	1.25	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	94.51
106.00	0.1280E+010.4533E-02	0.2483E+02	385.56	0.2483E+02	1.23	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	3995.00	97.18
108.00	0.1209E+010.4058E-02	0.2082E+02	408.24	0.2082E+02	1.23	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	99.67
110.00	0.1174E+010.3651E-02	0.1839E+02	431.95	0.1839E+02	1.25	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	102.06
112.00	0.1329E+010.3849E-02	0.1800E+02	455.63	0.1800E+02	1.37	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	104.56
114.00	0.1422E+010.3909E-02	0.1786E+02	474.26	0.1786E+02	1.44	4.42	-1.72	-6.99	0.2053E+06	0.1176E+06	4535.00	107.31
116.00	0.1137E+010.3026E-02	0.1351E+02	486.28	0.1351E+02	1.36	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	109.87
118.00	0.9683E+000.2504E-02	0.1101E+02	497.17	0.1101E+02	1.36	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	111.97
120.00	0.8301E+000.2095E-02	0.9131E+01	506.71	0.9131E+01	1.33	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	113.77
122.00	0.7952E+000.1965E-02	0.8272E+01	515.12	0.8272E+01	1.37	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	115.40
124.00	0.7815E+000.1892E-02	0.7824E+01	523.35	0.7824E+01	1.40	4.53	-2.46	-6.11	0.0895E+05	0.1364E+06	4790.00	116.98
126.00	0.7342E+000.1742E-02	0.7100E+01	531.87	0.7100E+01	1.42	4.54	-3.00	-6.47	0.0766E+05	0.1400E+06	4829.00	118.49

SUMMARY TABLE FOR BODY POINT 8437
XB=1061.0 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1967E+000.1453E-01	123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	0.98	0.98
15.00	0.3294E+000.2258E-01	124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.30	2.30
20.00	0.4618E+000.2918E-01	126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	4.28	4.28
25.00	0.5871E+000.3445E-01	127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	6.90	6.90
30.00	0.7091E+000.3842E-01	128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	10.14	10.14
35.00	0.7528E+000.3955E-01	129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	13.79	13.79
40.00	0.7920E+000.3973E-01	130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	17.66	17.66
45.00	0.7877E+000.3885E-01	130.68	0.9584E+03	1.00	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	21.61	21.61
50.00	0.7377E+000.3670E-01	130.50	0.7859E+03	1.02	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	25.42	25.42
55.00	0.6933E+000.3389E-01	130.86	0.6387E+03	1.03	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	29.00	29.00
60.00	0.6813E+000.3042E-01	132.80	0.5094E+03	1.03	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	32.43	32.43
62.00	0.7017E+000.2883E-01	134.74	0.4624E+03	1.02	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	33.82	33.82
64.00	0.7372E+000.2743E-01	137.27	0.4179E+03	1.02	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	35.26	35.26
66.00	0.7853E+000.2570E-01	140.96	0.3759E+03	1.01	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	36.78	36.78
68.00	0.8351E+000.2401E-01	145.18	0.3367E+03	1.01	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	38.40	38.40
70.00	0.8763E+000.2215E-01	149.95	0.3001E+03	0.99	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	40.11	40.11
72.00	0.9072E+000.2017E-01	155.38	0.2734E+03	0.96	1.99	-2.69	1.94	0.2681E+07	0.4902E+05	1904.00	41.89	41.89
74.00	0.9373E+000.1835E-01	161.49	0.2425E+03	0.94	2.10	-2.41	2.12	0.2515E+07	0.5153E+05	1999.00	43.74	43.74
76.00	0.9649E+000.1658E-01	168.60	0.2144E+03	0.91	2.21	-2.14	2.34	0.2341E+07	0.5413E+05	2100.00	45.64	45.64
78.00	0.9792E+000.1478E-01	176.66	0.1891E+03	0.89	2.32	-1.73	2.61	0.2152E+07	0.5681E+05	2206.00	47.58	47.58
80.00	0.1017E+010.1344E-01	186.08	0.1665E+03	0.88	2.42	0.94	3.01	0.1941E+07	0.5957E+05	2313.00	49.58	49.58
82.00	0.9603E+000.1123E-01	195.93	0.1483E+03	0.80	2.53	0.41	3.46	0.1755E+07	0.6241E+05	2423.00	51.56	51.56
84.00	0.9781E+000.1013E-01	206.91	0.1322E+03	0.79	2.64	-0.98	3.98	0.1574E+07	0.6532E+05	2539.00	53.50	53.50
86.00	0.9962E+000.9225E-02	218.39	0.1089E+03	0.83	2.75	-1.27	2.30	0.1402E+07	0.6831E+05	2656.00	55.47	55.47
88.00	0.1022E+010.8478E-02	230.98	0.9416E+02	0.85	2.87	-1.57	2.56	0.1244E+07	0.7139E+05	2777.00	57.49	57.49
90.00	0.1013E+010.7568E-02	244.24	0.8138E+02	0.84	2.98	-1.62	2.55	0.1100E+07	0.7454E+05	2901.00	59.52	59.52
92.00	0.1037E+010.7018E-02	258.13	0.7014E+02	0.88	3.10	-1.64	2.50	0.9720E+06	0.7777E+05	3025.00	61.57	61.57
94.00	0.1063E+010.6541E-02	272.89	0.6042E+02	0.92	3.22	-1.63	2.47	0.8583E+06	0.8108E+05	3154.00	63.67	63.67
96.00	0.1081E+010.6068E-02	288.58	0.5193E+02	0.96	3.35	-1.62	2.44	0.7572E+06	0.8446E+05	3286.00	65.82	65.82
98.00	0.1089E+010.5583E-02	305.43	0.4431E+02	1.00	3.47	-1.59	2.25	0.6662E+06	0.8791E+05	3422.00	67.99	67.99
100.00	0.1112E+010.5210E-02	323.80	0.3504E+02	1.12	3.61	-1.60	-2.36	0.5826E+06	0.9142E+05	3566.00	70.19	70.19
102.00	0.1111E+010.4782E-02	342.81	0.2977E+02	1.17	3.73	-1.57	-2.26	0.5054E+06	0.9500E+05	3705.00	72.41	72.41
104.00	0.1108E+010.4379E-02	363.41	0.2527E+02	1.23	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	74.63	74.63
106.00	0.1125E+010.4101E-02	384.72	0.2143E+02	1.32	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	3995.00	76.86	76.86
108.00	0.1073E+010.3614E-02	407.35	0.1816E+02	1.34	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	79.06	79.06
110.00	0.9983E+000.3115E-02	430.88	0.1538E+02	1.33	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	81.13	81.13
112.00	0.9241E+000.2692E-02	453.63	0.1303E+02	1.32	4.35	-1.59	-2.62	0.2416E+06	0.1137E+06	4432.00	83.05	83.05
114.00	0.8408E+000.2330E-02	471.20	0.1105E+02	1.32	4.42	-1.72	-3.49	0.2055E+06	0.1176E+06	4535.00	84.82	84.82
116.00	0.7787E+000.2085E-02	483.91	0.9396E+01	1.36	4.47	-1.89	-2.79	0.1738E+06	0.1214E+06	4605.00	86.44	86.44
118.00	0.6787E+000.1764E-02	495.09	0.8016E+01	1.32	4.50	-1.58	-2.47	0.1470E+06	0.1252E+06	4665.00	87.90	87.90
120.00	0.6140E+000.1557E-02	504.83	0.6865E+01	1.33	4.52	1.44	0.00	0.1244E+06	0.1290E+06	4715.00	89.19	89.19
122.00	0.5532E+000.1374E-02	512.86	0.5902E+01	1.34	4.52	-1.80	-2.57	0.1054E+06	0.1327E+06	4754.00	90.36	90.36
124.00	0.5315E+000.1293E-02	521.48	0.5939E+01	1.29	4.53	-2.46	3.05	0.8965E+05	0.1364E+06	4790.00	91.44	91.44
126.00	0.5037E+000.1201E-02	529.73	0.5231E+01	1.34	4.54	-3.00	3.24	0.7667E+05	0.1400E+06	4829.00	92.48	92.48

SUMMARY TABLE FOR BODY POINT 8438
XB=1061.0 THETAB= 180.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1967E+000.1453E-01		123.94	0.2027E+04	1.00	0.16	-0.27	0.58	0.1126E+07	0.1350E+04	183.10	0.98
15.00	0.3294E+000.2258E-01		124.99	0.1921E+04	1.00	0.27	-0.01	3.23	0.1788E+07	0.2823E+04	306.30	2.30
20.00	0.4618E+000.2917E-01		126.23	0.1821E+04	1.00	0.39	0.48	-2.94	0.2391E+07	0.4296E+04	429.50	4.28
25.00	0.5871E+000.3445E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.90
30.00	0.7091E+000.3842E-01		128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	10.14
35.00	0.7528E+000.3955E-01		129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1305E+05	837.30	13.79
40.00	0.7918E+000.3973E-01		130.33	0.1127E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	17.66
45.00	0.7794E+000.3850E-01		130.64	0.9490E+03	0.99	1.02	-2.61	1.87	0.3821E+07	0.2131E+05	1073.00	21.58
50.00	0.6976E+000.3470E-01		130.50	0.7859E+03	0.96	1.15	-2.76	2.02	0.3759E+07	0.2584E+05	1183.00	25.28
55.00	0.6290E+000.3075E-01		130.86	0.6387E+03	0.93	1.29	-2.82	2.12	0.3657E+07	0.3059E+05	1301.00	28.59
60.00	0.5998E+000.2678E-01		132.80	0.5094E+03	0.90	1.46	-2.28	2.06	0.3496E+07	0.3556E+05	1435.00	31.66
62.00	0.6168E+000.2534E-01		134.74	0.4824E+03	0.90	1.53	-1.85	0.00	0.3395E+07	0.3763E+05	1497.00	32.88
64.00	0.6463E+000.2405E-01		137.27	0.4179E+03	0.90	1.62	-1.43	0.00	0.3282E+07	0.3975E+05	1569.00	34.14
66.00	0.6936E+000.2269E-01		140.96	0.3759E+03	0.89	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	35.48
68.00	0.7425E+000.2135E-01		145.18	0.3367E+03	0.89	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	36.92
70.00	0.7879E+000.1992E-01		149.95	0.3001E+03	0.89	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	38.45
72.00	0.8305E+000.1850E-01		155.30	0.2663E+03	0.89	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	40.07
74.00	0.8758E+000.1718E-01		161.39	0.2354E+03	0.89	2.10	0.05	0.00	0.2515E+07	0.5153E+05	1999.00	41.78
76.00	0.9233E+000.1582E-01		168.77	0.2079E+03	0.89	2.21	0.34	0.00	0.2341E+07	0.5413E+05	2100.00	43.57
78.00	0.9693E+000.1465E-01		176.56	0.1835E+03	0.90	2.32	0.79	0.00	0.2152E+07	0.5681E+05	2206.00	45.47
80.00	0.1003E+010.1330E-01		185.96	0.1606E+03	0.89	2.42	0.94	0.00	0.1941E+07	0.5957E+05	2313.00	47.44
82.00	0.1003E+010.1176E-01		195.70	0.1388E+03	0.88	2.53	0.41	0.00	0.1755E+07	0.6241E+05	2423.00	49.45
84.00	0.9798E+000.1019E-01		206.54	0.1195E+03	0.85	2.64	-0.34	0.00	0.1402E+07	0.6532E+05	2539.00	51.43
86.00	0.9508E+000.8821E-02		218.18	0.1034E+03	0.82	2.75	-0.89	0.00	0.1574E+07	0.6831E+05	2656.00	53.36
88.00	0.9279E+000.7712E-02		230.71	0.8905E+02	0.80	2.87	-1.16	0.00	0.1244E+07	0.7139E+05	2777.00	55.24
90.00	0.9125E+000.6833E-02		243.95	0.7857E+02	0.79	2.98	-1.13	0.00	0.1100E+07	0.7454E+05	2901.00	57.08
92.00	0.9293E+000.6304E-02		257.80	0.6573E+02	0.82	3.10	-1.07	0.00	0.9720E+06	0.7777E+05	3025.00	58.92
94.00	0.9516E+000.5869E-02		272.54	0.5651E+02	0.86	3.22	-0.96	0.00	0.8583E+06	0.8108E+05	3154.00	60.80
96.00	0.9599E+000.5399E-02		288.20	0.4834E+02	0.90	3.35	-0.98	0.00	0.7572E+06	0.8446E+05	3286.00	62.72
98.00	0.9754E+000.5011E-02		305.04	0.4124E+02	0.94	3.47	-1.59	4.51	0.6662E+06	0.8791E+05	3422.00	64.65
100.00	0.9923E+000.4650E-02		323.80	0.3504E+02	1.00	3.61	-1.60	4.72	0.5826E+06	0.9142E+05	3566.00	66.62
102.00	0.9923E+000.4370E-02		342.81	0.2977E+02	1.05	3.73	-1.57	4.52	0.5054E+06	0.9500E+05	3705.00	68.60
104.00	0.9979E+000.3944E-02		363.41	0.2527E+02	1.11	3.86	-1.63	3.62	0.4373E+06	0.9864E+05	3850.00	70.59
106.00	0.9953E+000.3628E-02		384.72	0.2143E+02	1.17	3.98	-1.63	3.09	0.3779E+06	0.1023E+06	3995.00	72.59
108.00	0.9472E+000.3190E-02		407.35	0.1816E+02	1.18	4.11	-1.65	3.03	0.3264E+06	0.1061E+06	4143.00	74.53
110.00	0.8893E+000.2775E-02		430.88	0.1538E+02	1.18	4.23	-1.70	3.30	0.2814E+06	0.1099E+06	4293.00	76.37
112.00	0.8166E+000.2379E-02		453.63	0.1303E+02	1.17	4.35	-1.59	2.62	0.2416E+06	0.1137E+06	4432.00	78.07
114.00	0.7547E+000.2092E-02		471.20	0.1105E+02	1.18	4.42	-1.72	3.49	0.2055E+06	0.1176E+06	4535.00	79.64
116.00	0.6848E+000.1833E-02		483.91	0.9396E+01	1.19	4.47	-1.89	2.79	0.1738E+06	0.1214E+06	4605.00	81.08
118.00	0.6001E+000.1560E-02		495.09	0.8016E+01	1.16	4.50	-1.58	2.47	0.1470E+06	0.1252E+06	4665.00	82.37
120.00	0.5344E+000.1355E-02		504.83	0.6865E+01	1.16	4.52	-1.50	4.49	0.1244E+06	0.1290E+06	4715.00	83.50
122.00	0.4879E+000.1212E-02		512.86	0.5902E+01	1.18	4.52	-1.80	2.57	0.1054E+06	0.1327E+06	4754.00	84.52
124.00	0.4619E+000.1127E-02		520.39	0.5095E+01	1.25	4.53	-2.46	6.11	0.8965E+05	0.1364E+06	4790.00	85.47
126.00	0.4408E+000.1054E-02		528.48	0.4415E+01	1.32	4.54	-3.00	6.47	0.7667E+05	0.1400E+06	4829.00	86.38

SUMMARY TABLE FOR BODY POINT 51
XB=1411.5 THETAB= 270.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1873E+000.1383E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.94
15.00	0.3141E+000.2153E-01		124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.19
20.00	0.4407E+000.2784E-01		126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.08
25.00	0.5605E+000.3289E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.58
30.00	0.6771E+000.3669E-01		128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.67
35.00	0.7190E+000.3777E-01		129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	13.16
40.00	0.7565E+000.3795E-01		130.33	0.1128E+04	1.00	0.90	-2.79	-2.02	0.3827E+07	0.1702E+05	965.30	16.85
45.00	0.7641E+000.3768E-01		130.68	0.9584E+03	1.02	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	20.65
50.00	0.7625E+000.3840E-01		130.25	0.7963E+03	1.11	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	24.47
55.00	0.7811E+000.3865E-01		130.61	0.6491E+03	1.22	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	28.33
60.00	0.8495E+000.3831E-01		132.58	0.5188E+03	1.34	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	32.41
62.00	0.9136E+000.3785E-01		134.54	0.4701E+03	1.39	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	34.17
64.00	0.1011E+010.3756E-01		137.33	0.4255E+03	1.45	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	36.09
66.00	0.1138E+010.3717E-01		141.02	0.3835E+03	1.52	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	38.24
68.00	0.1274E+010.3657E-01		145.24	0.3440E+03	1.59	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	40.66
70.00	0.1422E+010.3589E-01		150.03	0.3074E+03	1.66	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	43.35
72.00	0.1579E+010.3510E-01		155.38	0.2734E+03	1.74	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	46.35
74.00	0.1758E+010.3441E-01		161.49	0.2425E+03	1.84	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	49.69
76.00	0.1948E+010.3347E-01		168.60	0.2144E+03	1.94	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	53.40
78.00	0.2161E+010.3261E-01		176.66	0.1891E+03	2.05	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	57.50
80.00	0.2392E+010.3161E-01		186.08	0.1665E+03	2.18	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	62.06
82.00	0.2641E+010.3088E-01		195.93	0.1483E+03	2.31	2.53	0.12	-3.46	0.1755E+07	0.6241E+05	2423.00	67.09
84.00	0.2898E+010.3003E-01		206.91	0.1322E+03	2.45	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	72.63
86.00	0.3153E+010.2911E-01		218.71	0.1183E+03	2.59	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	78.68
88.00	0.3384E+010.2796E-01		231.42	0.1049E+03	2.73	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	85.22
90.00	0.3497E+010.2603E-01		244.73	0.9103E+02	2.84	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	92.10
92.00	0.3597E+010.2427E-01		258.65	0.7857E+02	2.96	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	99.20
94.00	0.3696E+010.2267E-01		273.45	0.6787E+02	3.10	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	106.49
96.00	0.3762E+010.2104E-01		289.17	0.5850E+02	3.24	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	113.95
98.00	0.3739E+010.1912E-01		305.98	0.4948E+02	3.36	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	121.45
100.00	0.3853E+010.1796E-01		324.90	0.4305E+02	3.54	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	129.04
102.00	0.3805E+010.1630E-01		343.91	0.3653E+02	3.67	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	136.70
104.00	0.3591E+010.1414E-01		364.29	0.2956E+02	3.77	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	144.09
106.00	0.3454E+010.1256E-01		385.46	0.2435E+02	3.91	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	151.14
108.00	0.3280E+010.1102E-01		408.13	0.2068E+02	3.94	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	157.87
110.00	0.3143E+010.9777E-02		431.83	0.1800E+02	3.95	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	164.30
112.00	0.3325E+010.9633E-02		455.53	0.1773E+02	4.04	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	170.76
114.00	0.3427E+010.9423E-02		474.14	0.1754E+02	4.10	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	177.51
116.00	0.2814E+010.7488E-02		486.15	0.1326E+02	4.06	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	183.76
118.00	0.2429E+010.6282E-02		497.06	0.1083E+02	4.03	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	189.00
120.00	0.2114E+010.5335E-02		506.60	0.8984E+01	4.00	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	193.54
122.00	0.1976E+010.4885E-02		514.99	0.8116E+01	4.04	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	197.63
124.00	0.1888E+010.4575E-02		523.10	0.7536E+01	4.09	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	201.50
126.00	0.1756E+010.4169E-02		531.54	0.6780E+01	4.12	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	205.14

SUMMARY TABLE FOR BODY POINT 52
XB=1498.0 THETAB= 270.0

TRAJ. TIME (SEC)	DESIGN HTG RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1854E+000.1369E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.93
15.00	0.3110E+000.2132E-01		124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.17
20.00	0.4364E+000.2757E-01		126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.04
25.00	0.5551E+000.3257E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.52
30.00	0.6707E+000.3634E-01		128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.58
35.00	0.7123E+000.3742E-01		129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	13.04
40.00	0.7494E+000.3760E-01		130.33	0.1128E+04	1.00	0.90	-2.79	-2.02	0.3827E+07	0.1703E+05	965.30	16.69
45.00	0.7584E+000.3746E-01		130.64	0.9490E+03	1.02	1.02	-2.61	1.87	0.3821E+07	0.2131E+05	1073.00	20.46
50.00	0.7891E+000.3925E-01		130.50	0.7859E+03	1.15	1.15	-2.76	2.02	0.3759E+07	0.2584E+05	1183.00	24.33
55.00	0.8264E+000.4040E-01		130.86	0.6387E+03	1.29	1.29	-2.82	2.12	0.3657E+07	0.3059E+05	1301.00	28.37
60.00	0.9370E+000.4184E-01		132.80	0.5094E+03	1.49	1.46	-2.28	2.06	0.3496E+07	0.3556E+05	1435.00	32.78
62.00	0.1056E+010.4338E-01		134.74	0.4624E+03	1.63	1.53	-1.85	0.00	0.3395E+07	0.3763E+05	1497.00	34.77
64.00	0.1217E+010.4528E-01		137.27	0.4179E+03	1.78	1.62	-1.43	0.00	0.3282E+07	0.3975E+05	1569.00	37.04
66.00	0.1436E+010.4700E-01		140.96	0.3759E+03	1.96	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	39.70
68.00	0.1696E+010.4877E-01		145.18	0.3367E+03	2.16	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	42.83
70.00	0.1969E+010.4977E-01		149.95	0.3001E+03	2.36	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	46.49
72.00	0.2270E+010.5056E-01		155.30	0.2663E+03	2.58	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	50.73
74.00	0.2640E+010.5150E-01		161.39	0.2352E+03	2.84	2.21	0.05	0.00	0.2515E+07	0.5153E+05	1999.00	55.63
76.00	0.2940E+010.5035E-01		168.80	0.2068E+03	3.02	2.10	0.34	0.00	0.2341E+07	0.5413E+05	2100.00	61.19
78.00	0.3295E+010.4984E-01		176.52	0.1812E+03	3.25	2.32	0.16	0.00	0.2152E+07	0.5681E+05	2206.00	67.43
80.00	0.3631E+010.4810E-01		185.90	0.1580E+03	3.46	2.42	-0.05	0.00	0.1941E+07	0.5957E+05	2313.00	74.36
82.00	0.3957E+010.4641E-01		195.67	0.1377E+03	3.68	2.53	0.12	0.00	0.1755E+07	0.6241E+05	2423.00	81.94
84.00	0.4112E+010.4277E-01		206.54	0.1195E+03	3.77	2.64	-0.34	0.00	0.1574E+07	0.6532E+05	2539.00	90.01
86.00	0.4042E+010.3750E-01		218.18	0.1034E+03	3.68	2.75	-0.89	0.00	0.1402E+07	0.6831E+05	2656.00	98.17
88.00	0.4075E+010.3387E-01		230.71	0.8905E+02	3.71	2.87	-1.16	0.00	0.1244E+07	0.7139E+05	2777.00	106.29
90.00	0.4258E+010.3189E-01		243.95	0.7657E+02	3.92	2.98	-1.13	0.00	0.1100E+07	0.7454E+05	2901.00	114.62
92.00	0.4493E+010.3048E-01		257.80	0.6573E+02	4.22	3.10	-1.07	0.00	0.9730E+06	0.7777E+05	3025.00	123.37
94.00	0.4764E+010.2938E-01		272.54	0.5651E+02	4.57	3.22	-0.96	0.00	0.8593E+06	0.8108E+05	3154.00	132.63
96.00	0.4913E+010.2763E-01		288.20	0.4834E+02	4.87	3.35	-0.98	0.00	0.7572E+06	0.8446E+05	3286.00	142.30
98.00	0.5090E+010.2636E-01		305.04	0.4124E+02	5.23	3.47	-0.85	0.00	0.6622E+06	0.8791E+05	3422.00	152.31
100.00	0.5198E+010.2436E-01		323.80	0.3504E+02	5.56	3.61	-0.83	0.00	0.5826E+06	0.9142E+05	3566.00	162.60
102.00	0.5223E+010.2247E-01		342.81	0.2977E+02	5.86	3.73	-0.82	0.00	0.5054E+06	0.9500E+05	3705.00	173.02
104.00	0.5224E+010.2065E-01		363.41	0.2527E+02	6.17	3.86	-0.82	0.00	0.4373E+06	0.9864E+05	3850.00	183.46
106.00	0.5321E+010.1935E-01		385.46	0.2435E+02	6.09	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	3995.00	194.01
108.00	0.5203E+010.1747E-01		408.13	0.2068E+02	6.32	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	204.53
110.00	0.4924E+010.1531E-01		431.83	0.1800E+02	6.25	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	214.66
112.00	0.4511E+010.1311E-01		454.40	0.1473E+02	6.31	4.35	-1.59	-2.62	0.2416E+06	0.1137E+06	4432.00	224.09
114.00	0.5362E+010.1474E-01		474.14	0.1754E+02	6.48	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	233.97
116.00	0.4187E+010.1114E-01		486.15	0.1326E+02	6.10	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	243.52
118.00	0.3328E+010.8634E-02		495.91	0.9060E+01	6.33	4.50	-1.58	-2.47	0.1470E+06	0.1252E+06	4665.00	251.03
120.00	0.2943E+010.7447E-02		505.58	0.7683E+01	6.29	4.52	-1.50	-2.24	0.1244E+06	0.1290E+06	4715.00	257.30
122.00	0.2794E+010.6905E-02		514.99	0.8116E+01	5.77	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	263.04
124.00	0.3257E+010.7892E-02		523.10	0.7536E+01	7.13	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	269.09
126.00	0.3395E+010.8062E-02		531.54	0.6780E+01	8.05	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	275.74

SUMMARY TABLE FOR BODY POINT 53
XB=1504.0 THETAB= 270.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1853E+000.1368E-01	123.94	0.2027E+04	0.11	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.93	
15.00	0.3108E+000.2131E-01	124.99	0.1921E+04	1.36	0.27	3.23	0.1788E+07	0.2823E+04	306.30	2.17		
20.00	0.4361E+000.2755E-01	126.23	0.1821E+04	2.61	0.39	5.89	0.2391E+07	0.4296E+04	429.50	4.03		
25.00	0.5547E+000.3255E-01	127.44	0.1653E+04	-0.32	0.51	4.75	0.2933E+07	0.6939E+04	569.50	6.51		
30.00	0.6702E+000.3632E-01	128.85	0.1498E+04	-3.24	0.65	3.62	0.3401E+07	0.9582E+04	709.40	9.57		
35.00	0.7118E+000.3739E-01	129.44	0.1302E+04	-3.02	0.77	2.82	0.3647E+07	0.1330E+05	837.30	13.03		
40.00	0.7489E+000.3757E-01	130.33	0.1128E+04	-2.79	0.90	-2.02	0.3827E+07	0.1702E+05	965.30	16.68		
45.00	0.7800E+000.3847E-01	130.68	0.9584E+03	-3.95	1.02	-1.87	0.3821E+07	0.2131E+05	1073.00	20.50		
50.00	0.9459E+000.4706E-01	130.50	0.7859E+03	-2.76	1.15	0.00	0.3759E+07	0.2584E+05	1183.00	24.82		
55.00	0.1156E+010.5652E-01	130.86	0.6387E+03	-2.82	1.29	0.00	0.3657E+07	0.3059E+05	1301.00	30.07		
60.00	0.1505E+010.6720E-01	132.80	0.5094E+03	-2.28	1.46	0.00	0.3496E+07	0.3556E+05	1435.00	36.73		
62.00	0.1746E+010.7175E-01	134.74	0.4624E+03	-1.85	1.53	0.00	0.3395E+07	0.3763E+05	1497.00	39.98		
64.00	0.2073E+010.7713E-01	137.27	0.4179E+03	-1.43	1.62	0.00	0.3282E+07	0.3975E+05	1569.00	43.80		
66.00	0.2520E+010.8246E-01	140.96	0.3759E+03	-1.07	1.71	0.00	0.3151E+07	0.4195E+05	1647.00	48.39		
68.00	0.3043E+010.8750E-01	145.18	0.3367E+03	-0.68	1.80	0.00	0.3003E+07	0.4423E+05	1729.00	53.95		
70.00	0.3648E+010.9224E-01	149.95	0.3001E+03	-0.46	1.89	0.00	0.2845E+07	0.4658E+05	1814.00	60.64		
72.00	0.4344E+010.9676E-01	155.30	0.2635E+03	-0.26	1.99	0.00	0.2681E+07	0.4902E+05	1904.00	68.64		
74.00	0.5147E+010.1009E+00	161.39	0.2352E+03	-0.57	2.10	0.00	0.2515E+07	0.5153E+05	1999.00	78.13		
76.00	0.6109E+010.1046E+00	168.80	0.2068E+03	-0.28	2.21	0.00	0.2341E+07	0.5413E+05	2100.00	89.38		
78.00	0.7109E+010.1075E+00	176.52	0.1812E+03	-0.47	2.32	0.00	0.2152E+07	0.5681E+05	2206.00	102.60		
80.00	0.8168E+010.1082E+00	185.90	0.1580E+03	-0.05	2.42	0.00	0.1941E+07	0.5957E+05	2313.00	117.88		
82.00	0.9245E+010.1084E+00	195.67	0.1377E+03	-0.17	2.53	0.00	0.1755E+07	0.6241E+05	2423.00	135.29		
84.00	0.1037E+020.1079E+00	206.54	0.1195E+03	-0.34	2.64	0.00	0.1574E+07	0.6532E+05	2539.00	154.91		
86.00	0.1144E+020.1062E+00	218.18	0.1034E+03	-0.89	2.75	0.00	0.1402E+07	0.7454E+05	2656.00	176.72		
88.00	0.1254E+020.1042E+00	230.71	0.8905E+02	-1.16	2.87	0.00	0.1244E+07	0.7139E+05	2777.00	200.70		
90.00	0.1358E+020.1017E+00	243.95	0.7657E+02	-1.13	2.98	0.00	0.1100E+07	0.7777E+05	2901.00	226.81		
92.00	0.1318E+020.8945E-01	257.80	0.6573E+02	-1.64	3.10	0.00	0.9720E+06	0.7777E+05	3025.00	253.57		
94.00	0.1257E+020.7750E-01	272.54	0.5651E+02	-1.63	3.22	0.00	0.8583E+06	0.8108E+05	3154.00	279.32		
96.00	0.1187E+020.6678E-01	288.20	0.4834E+02	-1.59	3.35	0.00	0.7572E+06	0.8446E+05	3286.00	303.76		
98.00	0.1116E+020.5733E-01	305.04	0.4124E+02	-1.60	3.47	0.00	0.6662E+06	0.9142E+05	3422.00	326.80		
100.00	0.1046E+020.4902E-01	323.80	0.3504E+02	-1.61	3.61	0.00	0.5826E+06	0.9142E+05	3566.00	348.42		
102.00	0.9728E+010.4186E-01	342.81	0.2977E+02	-1.57	3.73	0.00	0.5054E+06	0.9500E+05	3705.00	368.61		
104.00	0.9060E+010.3581E-01	363.41	0.2527E+02	-1.61	3.86	0.00	0.4373E+06	0.9864E+05	3850.00	387.39		
106.00	0.8385E+010.3057E-01	384.72	0.2143E+02	-1.63	3.98	0.00	0.3779E+06	0.1023E+06	3995.00	404.84		
108.00	0.7879E+010.2633E-01	407.35	0.1816E+02	-1.65	4.11	0.00	0.3264E+06	0.1061E+06	4143.00	421.10		
110.00	0.7411E+010.2312E-01	430.88	0.1538E+02	-1.70	4.23	0.00	0.2814E+06	0.1099E+06	4293.00	436.39		
112.00	0.6841E+010.1993E-01	453.63	0.1303E+02	-1.59	4.35	0.00	0.2416E+06	0.1137E+06	4432.00	450.64		
114.00	0.6881E+010.1892E-01	474.14	0.1754E+02	-0.51	4.42	-6.99	0.2055E+06	0.1176E+06	4535.00	464.37		
116.00	0.5725E+010.1533E-01	483.91	0.9396E+01	-1.89	4.47	0.00	0.1738E+06	0.1214E+06	4605.00	476.97		
118.00	0.5037E+010.1309E-01	495.09	0.8016E+01	-1.58	4.50	0.00	0.1470E+06	0.1252E+06	4665.00	487.73		
120.00	0.4487E+010.1138E-01	504.83	0.6865E+01	-1.50	4.52	0.00	0.1244E+06	0.1290E+06	4715.00	497.26		
122.00	0.4091E+010.1017E-01	512.86	0.5902E+01	-1.80	4.52	0.00	0.1054E+06	0.1327E+06	4754.00	505.83		
124.00	0.3820E+010.9318E-02	520.39	0.5095E+01	-2.46	4.53	0.00	0.0896E+05	0.1364E+06	4790.00	513.75		
126.00	0.3555E+010.8502E-02	528.48	0.4415E+01	-3.00	4.54	0.00	0.7667E+05	0.1400E+06	4829.00	521.12		

SUMMARY TABLE FOR BODY POINT 54
XB=1504.0 THETAB= 67.5

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ²)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1853E+000.1368E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	0.93
15.00	0.3108E+000.2131E-01		124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.17
20.00	0.4361E+000.2755E-01		126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	4.03
25.00	0.5547E+000.3255E-01		127.44	0.1653E+04	1.00	0.51	-0.32	-2.38	0.2933E+07	0.6939E+04	569.50	6.51
30.00	0.6702E+000.3632E-01		128.85	0.1498E+04	1.00	0.65	-3.24	-1.81	0.3401E+07	0.9582E+04	709.40	9.57
35.00	0.7119E+000.3739E-01		129.44	0.1302E+04	1.00	0.77	-3.02	-1.41	0.3647E+07	0.1330E+05	837.30	13.03
40.00	0.7491E+000.3757E-01		130.34	0.1130E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	16.68
45.00	0.7762E+000.3822E-01		130.71	0.9674E+03	1.04	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	20.49
50.00	0.8934E+000.4444E-01		130.50	0.7859E+03	1.30	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	24.67
55.00	0.1042E+010.5096E-01		130.86	0.6387E+03	1.63	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	29.51
60.00	0.1294E+010.5780E-01		132.80	0.5094E+03	2.06	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	35.35
62.00	0.1468E+010.6033E-01		134.74	0.4624E+03	2.26	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	38.11
64.00	0.1705E+010.6344E-01		137.27	0.4179E+03	2.50	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	41.29
66.00	0.2033E+010.6653E-01		140.96	0.3759E+03	2.78	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	45.02
68.00	0.2409E+010.6928E-01		145.18	0.3367E+03	3.08	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	49.47
70.00	0.2851E+010.7207E-01		149.95	0.3001E+03	3.42	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	54.73
72.00	0.3356E+010.7475E-01		155.30	0.2663E+03	3.81	2.10	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	60.93
74.00	0.3960E+010.7766E-01		161.39	0.2352E+03	4.28	2.21	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	68.25
76.00	0.4692E+010.8034E-01		168.80	0.2068E+03	4.82	2.32	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	76.90
78.00	0.5482E+010.8291E-01		176.52	0.1812E+03	5.42	2.42	-0.47	-2.61	0.2152E+07	0.5681E+05	2206.00	87.08
80.00	0.6490E+010.8597E-01		185.90	0.1580E+03	6.19	2.53	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	99.05
82.00	0.7632E+010.8950E-01		195.67	0.1377E+03	7.11	2.64	-0.17	-3.46	0.1755E+07	0.6241E+05	2423.00	113.17
84.00	0.8960E+010.9320E-01		206.54	0.1195E+03	8.21	2.75	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	129.76
86.00	0.1030E+020.9557E-01		218.18	0.1034E+03	9.39	2.87	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	149.02
88.00	0.1159E+020.9638E-01		230.71	0.8905E+02	10.57	2.98	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	170.91
90.00	0.1253E+020.9384E-01		243.95	0.7657E+02	11.55	3.10	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	195.04
92.00	0.1166E+020.7911E-01		257.80	0.6573E+02	10.96	3.22	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	219.23
94.00	0.1060E+020.6539E-01		272.54	0.5651E+02	10.19	3.35	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	241.49
96.00	0.9652E+010.5429E-01		288.20	0.4834E+02	9.57	3.47	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	261.75
98.00	0.8593E+010.4415E-01		305.04	0.4124E+02	8.83	3.61	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	279.99
100.00	0.7924E+010.3713E-01		323.80	0.3504E+02	8.47	3.73	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	296.51
102.00	0.7102E+010.3056E-01		342.81	0.2977E+02	7.98	3.86	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	311.54
104.00	0.6327E+010.2501E-01		363.41	0.2577E+02	7.48	3.98	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	324.96
106.00	0.5751E+010.2095E-01		384.87	0.2201E+02	7.07	4.11	-1.63	0.00	0.3779E+06	0.1023E+06	3995.00	337.04
108.00	0.5447E+010.1833E-01		407.51	0.1868E+02	7.10	4.23	-1.65	0.00	0.3264E+06	0.1061E+06	4143.00	348.24
110.00	0.5151E+010.1606E-01		431.06	0.1586E+02	7.15	4.35	-1.70	0.00	0.2814E+06	0.1099E+06	4293.00	358.84
112.00	0.4877E+010.1421E-01		453.63	0.1303E+02	7.44	4.47	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	368.87
114.00	0.5245E+010.1454E-01		471.20	0.1105E+02	8.77	4.60	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	378.99
116.00	0.4431E+010.1186E-01		483.91	0.9396E+01	8.23	4.72	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	388.67
118.00	0.3519E+010.9147E-02		495.09	0.8016E+01	7.29	4.80	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	396.62
120.00	0.3070E+010.7784E-02		504.83	0.6865E+01	7.10	4.92	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	403.21
122.00	0.3003E+010.7463E-02		512.86	0.5902E+01	7.77	4.92	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	409.28
124.00	0.3393E+010.8275E-02		520.39	0.5095E+01	9.78	4.53	-2.46	-6.11	0.0895E+05	0.1364E+06	4790.00	415.67
126.00	0.3532E+010.8447E-02		528.48	0.4415E+01	11.30	4.54	-3.00	-6.47	0.0766E+05	0.1400E+06	4829.00	422.60

SUMMARY TABLE FOR BODY POINT 55
XB=1498.0 THETAB= 135.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1854E+000.1369E-01		123.94	0.2027E+04	1.00	0.16	0.11	-0.29	0.1126E+07	0.1350E+04	183.10	0.93
15.00	0.3110E+000.2132E-01		124.99	0.1921E+04	1.00	0.27	1.36	-1.62	0.1788E+07	0.2823E+04	306.30	2.17
20.00	0.4364E+000.2757E-01		126.23	0.1821E+04	1.00	0.39	2.61	-2.94	0.2391E+07	0.4286E+04	429.50	4.04
25.00	0.5551E+000.3257E-01		127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	6.52
30.00	0.6707E+000.3634E-01		128.85	0.1498E+04	1.00	0.65	-3.24	1.81	0.3401E+07	0.9582E+04	709.40	9.58
35.00	0.7123E+000.3742E-01		129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	13.04
40.00	0.7491E+000.3759E-01		130.33	0.1127E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	16.69
45.00	0.7701E+000.3804E-01		130.64	0.9490E+03	1.04	1.02	-2.61	-1.87	0.3759E+07	0.2131E+05	1073.00	20.49
50.00	0.8737E+000.4346E-01		130.50	0.7859E+03	1.27	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	24.60
55.00	0.1000E+010.5436E-01		130.86	0.6387E+03	1.57	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	29.28
60.00	0.1217E+010.5436E-01		132.80	0.5094E+03	1.94	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	34.83
62.00	0.1370E+010.5299E-01		134.74	0.4624E+03	2.11	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	37.41
66.00	0.1577E+010.5869E-01		137.27	0.4179E+03	2.31	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	40.36
68.00	0.1865E+010.6103E-01		140.96	0.3759E+03	2.54	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	43.80
70.00	0.2192E+010.6302E-01		145.18	0.3367E+03	2.80	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	47.86
72.00	0.2572E+010.6503E-01		149.95	0.3001E+03	3.09	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	52.62
74.00	0.3004E+010.6809E-01		155.30	0.2663E+03	3.41	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	58.20
76.00	0.3516E+010.6895E-01		161.39	0.2352E+03	3.80	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	64.72
78.00	0.4131E+010.7074E-01		168.80	0.2068E+03	4.24	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	72.37
80.00	0.4790E+010.7244E-01		176.52	0.1812E+03	4.73	2.32	-0.47	-2.61	0.2152E+07	0.5681E+05	2206.00	81.29
82.00	0.5635E+010.7464E-01		185.90	0.1580E+03	5.37	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	91.71
84.00	0.6570E+010.7705E-01		195.67	0.1377E+03	6.11	2.53	-0.17	-3.46	0.1755E+07	0.6241E+05	2423.00	103.92
86.00	0.7649E+010.7956E-01		206.54	0.1195E+03	7.00	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	118.14
88.00	0.8720E+010.8093E-01		218.18	0.1034E+03	7.94	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	134.51
90.00	0.9737E+010.8093E-01		230.71	0.8905E+02	8.88	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	152.96
92.00	0.1046E+020.7833E-01		243.95	0.7657E+02	9.64	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	173.16
94.00	0.9724E+010.6597E-01		257.80	0.6573E+02	9.13	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	193.35
96.00	0.8843E+010.5454E-01		272.54	0.5651E+02	8.49	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	211.91
98.00	0.8051E+010.4528E-01		288.20	0.4834E+02	7.98	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	228.81
100.00	0.7170E+010.3684E-01		305.04	0.4124E+02	7.36	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	244.03
102.00	0.6609E+010.3097E-01		323.80	0.3504E+02	7.06	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	257.81
104.00	0.5924E+010.2549E-01		342.81	0.2977E+02	6.65	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	270.34
106.00	0.5279E+010.2086E-01		363.41	0.2527E+02	6.24	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	281.54
108.00	0.4791E+010.1747E-01		384.72	0.2143E+02	6.00	3.98	-1.63	-3.09	0.3779E+06	0.1033E+06	3995.00	291.61
110.00	0.4504E+010.1517E-01		407.35	0.1816E+02	5.99	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	300.91
112.00	0.4283E+010.1336E-01		430.88	0.1538E+02	6.07	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	309.69
114.00	0.4068E+010.1185E-01		453.63	0.1303E+02	6.20	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	318.04
116.00	0.3696E+010.9895E-02		483.91	0.1105E+02	7.31	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	326.48
118.00	0.2935E+010.7628E-02		495.09	0.8016E+01	6.07	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	334.55
120.00	0.2560E+010.6491E-02		504.83	0.6865E+01	5.92	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	346.68
122.00	0.2505E+010.6224E-02		512.86	0.5902E+01	6.47	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	351.74
124.00	0.2830E+010.6801E-02		520.39	0.5095E+01	8.15	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	357.08
126.00	0.2945E+010.7045E-02		528.48	0.4415E+01	9.42	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	362.85

SUMMARY TABLE FOR BODY POINT 56
XB=1504.0 THETAB= 225.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1853E+000.1368E-01	0.2027E+04	123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.93
15.00	0.3108E+000.2131E-01	0.1921E+04	124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.17
20.00	0.4361E+000.2755E-01	0.1821E+04	126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.03
25.00	0.5547E+000.3255E-01	0.1653E+04	127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.51
30.00	0.6702E+000.3632E-01	0.1498E+04	128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.57
35.00	0.7118E+000.3739E-01	0.1302E+04	129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	13.03
40.00	0.7487E+000.3757E-01	0.1127E+04	130.33	0.1127E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	16.68
45.00	0.7579E+000.3744E-01	0.9490E+03	130.64	0.9490E+03	1.02	1.02	-2.61	1.87	0.3821E+07	0.2131E+05	1073.00	20.45
50.00	0.7886E+000.3923E-01	0.7859E+03	130.50	0.7859E+03	1.15	1.15	-2.76	2.02	0.3759E+07	0.2584E+05	1183.00	24.31
55.00	0.8258E+000.4037E-01	0.6387E+03	130.86	0.6387E+03	1.29	1.29	-2.82	2.12	0.3657E+07	0.3059E+05	1301.00	28.35
60.00	0.9364E+000.4181E-01	0.5094E+03	132.80	0.5094E+03	1.49	1.46	-2.28	2.06	0.3496E+07	0.3556E+05	1435.00	32.75
62.00	0.1055E+010.4355E-01	0.4624E+03	134.74	0.4624E+03	1.63	1.53	-1.85	0.00	0.3395E+07	0.3763E+05	1497.00	34.75
64.00	0.1216E+010.4525E-01	0.4179E+03	137.27	0.4179E+03	1.78	1.62	-1.43	0.00	0.3282E+07	0.3975E+05	1569.00	37.02
66.00	0.1435E+010.4696E-01	0.3759E+03	140.96	0.3759E+03	1.96	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	39.67
68.00	0.1695E+010.4874E-01	0.3367E+03	145.18	0.3367E+03	2.16	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	42.80
70.00	0.1967E+010.4974E-01	0.3001E+03	149.95	0.3001E+03	2.36	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	46.46
72.00	0.2269E+010.5053E-01	0.2663E+03	155.30	0.2663E+03	2.58	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	50.70
74.00	0.2625E+010.5148E-01	0.2353E+03	161.39	0.2353E+03	2.84	2.10	0.05	0.00	0.2515E+07	0.5153E+05	1999.00	55.59
76.00	0.2945E+010.5045E-01	0.2076E+03	168.78	0.2076E+03	3.02	2.21	0.34	0.00	0.2341E+07	0.5413E+05	2100.00	61.16
78.00	0.3297E+010.4987E-01	0.1815E+03	176.52	0.1815E+03	3.25	2.32	0.16	0.00	0.2152E+07	0.5681E+05	2206.00	67.40
80.00	0.3629E+010.4806E-01	0.1580E+03	185.90	0.1580E+03	3.46	2.42	-0.05	0.00	0.1941E+07	0.5957E+05	2313.00	74.33
82.00	0.3959E+010.4643E-01	0.1380E+03	195.67	0.1380E+03	3.68	2.53	0.12	0.00	0.1755E+07	0.6241E+05	2423.00	81.92
84.00	0.4109E+010.4274E-01	0.1195E+03	206.54	0.1195E+03	3.77	2.64	-0.34	0.00	0.1574E+07	0.6532E+05	2539.00	89.98
86.00	0.4039E+010.3748E-01	0.1034E+03	218.18	0.1034E+03	3.68	2.75	-0.89	0.00	0.1402E+07	0.6831E+05	2656.00	98.13
88.00	0.4072E+010.3385E-01	0.8905E+02	230.71	0.8905E+02	3.71	2.87	-1.16	0.00	0.1244E+07	0.7139E+05	2777.00	106.24
90.00	0.4255E+010.3186E-01	0.7657E+02	243.95	0.7657E+02	3.92	2.98	-1.13	0.00	0.1100E+07	0.7454E+05	2901.00	114.57
92.00	0.4490E+010.3046E-01	0.6573E+02	257.80	0.6573E+02	4.22	3.10	-1.07	0.00	0.9720E+06	0.7777E+05	3025.00	123.32
94.00	0.4760E+010.2936E-01	0.5651E+02	272.54	0.5651E+02	4.57	3.22	-0.96	0.00	0.8583E+06	0.8108E+05	3154.00	132.57
96.00	0.4909E+010.2761E-01	0.4834E+02	288.20	0.4834E+02	4.87	3.35	-0.98	0.00	0.7572E+06	0.8446E+05	3286.00	142.24
98.00	0.5087E+010.2613E-01	0.4124E+02	305.04	0.4124E+02	5.23	3.47	-0.85	0.00	0.6662E+06	0.8791E+05	3422.00	152.23
100.00	0.5195E+010.2434E-01	0.3504E+02	323.80	0.3504E+02	5.56	3.61	-0.83	0.00	0.5826E+06	0.9142E+05	3566.00	162.51
102.00	0.5219E+010.2246E-01	0.2977E+02	342.81	0.2977E+02	5.86	3.73	-0.82	0.00	0.5054E+06	0.9500E+05	3705.00	172.93
104.00	0.5220E+010.2063E-01	0.2527E+02	363.41	0.2527E+02	6.17	3.86	-0.82	0.00	0.4373E+06	0.9864E+05	3850.00	183.37
106.00	0.5237E+010.1909E-01	0.2143E+02	384.72	0.2143E+02	6.56	3.98	-1.63	0.00	0.3779E+06	0.1023E+06	3995.00	193.83
108.00	0.4989E+010.1680E-01	0.1816E+02	407.35	0.1816E+02	6.64	4.11	-1.65	0.00	0.3264E+06	0.1061E+06	4143.00	204.05
110.00	0.4683E+010.1461E-01	0.1538E+02	430.88	0.1538E+02	6.64	4.23	-1.70	0.00	0.2814E+06	0.1099E+06	4293.00	213.72
112.00	0.4345E+010.1266E-01	0.1303E+02	453.63	0.1303E+02	6.63	4.35	-1.59	0.00	0.2416E+06	0.1137E+06	4432.00	222.75
114.00	0.4465E+010.1233E-01	0.1354E+02	472.47	0.1354E+02	6.48	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	231.56
116.00	0.3618E+010.9682E-02	0.9708E+01	484.11	0.9708E+01	6.57	4.47	-1.89	-2.79	0.1738E+06	0.1214E+06	4605.00	239.64
118.00	0.3200E+010.8317E-02	0.8016E+01	495.09	0.8016E+01	6.63	4.50	-1.58	0.00	0.1470E+06	0.1252E+06	4665.00	246.46
120.00	0.2862E+010.7255E-02	0.6865E+01	504.83	0.6865E+01	6.62	4.52	-1.50	0.00	0.1244E+06	0.1290E+06	4715.00	252.52
122.00	0.2573E+010.6392E-02	0.5902E+01	512.86	0.5902E+01	6.65	4.52	-1.80	0.00	0.1054E+06	0.1327E+06	4754.00	257.96
124.00	0.2704E+010.6580E-02	0.5796E+01	521.30	0.5796E+01	7.13	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	263.23
126.00	0.2738E+010.6535E-02	0.4996E+01	529.40	0.4996E+01	8.05	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	268.68

SUMMARY TABLE FOR BODY POINT 57
XB=1504.0 THETAB= 315.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1853E+000.1368E-01	123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.93	0.93 2.17 4.03 6.51 9.57 13.03 16.68 20.45 24.33 28.35 34.75 37.03 39.69 42.84 46.51 50.76 55.66 61.22 67.45 74.37 81.96 90.04 98.24 106.44 114.87 123.73 133.11 142.90 153.04 163.46 174.02 184.67 195.44 206.13 216.39 225.93 235.56 244.76 252.25 258.60 264.39 270.44 277.12
15.00	0.3108E+000.2131E-01	124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.17	
20.00	0.4361E+000.2755E-01	126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.03	
25.00	0.5547E+000.3255E-01	127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.51	
30.00	0.6702E+000.3632E-01	128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.57	
35.00	0.7118E+000.3739E-01	129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	13.03	
40.00	0.7492E+000.3757E-01	130.34	0.1131E+04	1.00	0.90	-3.48	-2.02	0.3827E+07	0.1702E+05	965.30	16.68	
45.00	0.7603E+000.3750E-01	130.68	0.9583E+03	1.02	1.02	-2.61	0.00	0.3821E+07	0.2131E+05	1073.00	20.45	
50.00	0.7867E+000.3926E-01	130.44	0.7886E+03	1.15	1.15	-2.76	2.02	0.3759E+07	0.2584E+05	1183.00	24.33	
55.00	0.8249E+000.4044E-01	130.80	0.6411E+03	1.29	1.29	-2.82	2.12	0.3657E+07	0.3059E+05	1301.00	28.35	
60.00	0.9364E+000.4184E-01	132.78	0.5101E+03	1.49	1.46	-2.28	2.06	0.3496E+07	0.3556E+05	1435.00	32.75	
62.00	0.1056E+010.4364E-01	134.60	0.4676E+03	1.63	1.53	-1.85	0.00	0.3395E+07	0.3763E+05	1497.00	34.75	
64.00	0.1224E+010.4550E-01	137.30	0.4221E+03	1.78	1.62	-1.43	0.00	0.3282E+07	0.3975E+05	1569.00	37.03	
66.00	0.1443E+010.4719E-01	140.99	0.3791E+03	1.96	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	39.69	
68.00	0.1702E+010.4890E-01	145.20	0.3386E+03	2.16	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	42.84	
70.00	0.1973E+010.4986E-01	149.97	0.3014E+03	2.36	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	46.51	
72.00	0.2273E+010.5061E-01	155.31	0.2670E+03	2.58	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	50.76	
74.00	0.2624E+010.5147E-01	161.39	0.2352E+03	2.84	2.10	0.05	0.00	0.2515E+07	0.5153E+05	1999.00	55.66	
76.00	0.2938E+010.5031E-01	168.80	0.2068E+03	3.02	2.21	0.34	0.00	0.2341E+07	0.5413E+05	2100.00	61.22	
78.00	0.3293E+010.4981E-01	176.52	0.1812E+03	3.25	2.32	0.16	0.00	0.2152E+07	0.5681E+05	2206.00	67.45	
80.00	0.3630E+010.4808E-01	185.90	0.1581E+03	3.46	2.42	-0.05	0.00	0.1941E+07	0.5957E+05	2313.00	74.37	
82.00	0.3955E+010.4638E-01	195.67	0.1377E+03	3.68	2.53	0.12	0.00	0.1755E+07	0.6241E+05	2423.00	81.96	
84.00	0.4123E+010.4288E-01	206.56	0.1201E+03	3.77	2.64	-0.34	0.00	0.1574E+07	0.6532E+05	2539.00	90.04	
86.00	0.4080E+010.3783E-01	218.24	0.1049E+03	3.68	2.75	-0.89	0.00	0.1402E+07	0.6831E+05	2656.00	98.24	
88.00	0.4122E+010.3423E-01	230.80	0.9068E+02	3.71	2.87	-1.16	0.00	0.1244E+07	0.7139E+05	2777.00	106.44	
90.00	0.4310E+010.3225E-01	244.04	0.7807E+02	3.92	2.98	-1.13	0.00	0.1100E+07	0.7454E+05	2901.00	114.87	
92.00	0.4551E+010.3085E-01	257.90	0.6707E+02	4.22	3.10	-1.07	0.00	0.9720E+06	0.7777E+05	3025.00	123.73	
94.00	0.4820E+010.2971E-01	272.64	0.5758E+02	4.57	3.22	-0.96	0.00	0.8583E+06	0.8108E+05	3154.00	133.11	
96.00	0.4978E+010.2798E-01	288.30	0.4936E+02	4.87	3.35	-0.98	0.00	0.7572E+06	0.8446E+05	3286.00	142.90	
98.00	0.5154E+010.2647E-01	305.14	0.4206E+02	5.23	3.47	-0.85	0.00	0.6662E+06	0.8791E+05	3422.00	153.04	
100.00	0.5268E+010.2467E-01	323.92	0.3578E+02	5.56	3.61	-0.83	0.00	0.5826E+06	0.9142E+05	3566.00	163.46	
102.00	0.5296E+010.2278E-01	342.92	0.3042E+02	5.86	3.73	-0.82	0.00	0.5054E+06	0.9500E+05	3705.00	174.02	
104.00	0.5354E+010.2114E-01	363.66	0.2644E+02	6.14	3.86	-1.61	0.00	0.4373E+06	0.9864E+05	3850.00	184.67	
106.00	0.5415E+010.1972E-01	384.99	0.2249E+02	6.56	3.98	-1.63	0.00	0.3779E+06	0.1023E+06	3995.00	195.44	
108.00	0.5275E+010.1771E-01	408.24	0.2112E+02	6.32	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	206.13	
110.00	0.4982E+010.1550E-01	431.93	0.1832E+02	6.25	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	216.39	
112.00	0.4558E+010.1325E-01	454.50	0.1496E+02	6.31	4.35	-1.59	-2.62	0.2416E+06	0.1137E+06	4432.00	225.93	
114.00	0.5078E+010.1398E-01	473.64	0.1622E+02	6.48	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	235.56	
116.00	0.4121E+010.1097E-01	486.00	0.1299E+02	6.10	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	244.76	
118.00	0.3370E+010.8738E-02	496.04	0.9227E+01	6.33	4.50	-1.58	-2.47	0.1470E+06	0.1252E+06	4665.00	252.25	
120.00	0.2980E+010.7539E-02	505.72	0.7830E+01	6.29	4.52	-1.50	-2.24	0.1244E+06	0.1290E+06	4715.00	258.60	
122.00	0.2805E+010.6951E-02	513.93	0.6900E+01	6.50	4.52	-1.80	-2.57	0.1054E+06	0.1327E+06	4754.00	264.39	
124.00	0.3244E+010.7861E-02	523.07	0.7499E+01	7.13	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	270.44	
126.00	0.3443E+010.8173E-02	531.69	0.6931E+01	8.05	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	277.12	

SUMMARY TABLE FOR BODY POINT 58
XB=1504.0 THETAB= 270.0

TRAJ. TIME (SEC)	DESIGN HTG RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1854E+000.1369E-01	123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.93	
15.00	0.3110E+000.2132E-01	124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.17	
20.00	0.4364E+000.2757E-01	126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.04	
25.00	0.5551E+000.3257E-01	127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.52	
30.00	0.6707E+000.3634E-01	128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.58	
35.00	0.7123E+000.3742E-01	129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	13.04	
40.00	0.7494E+000.3760E-01	130.33	0.1128E+04	1.00	0.90	-2.79	-2.02	0.3827E+07	0.1702E+05	965.30	16.69	
45.00	0.7523E+000.3716E-01	130.64	0.9490E+03	1.01	1.02	-2.61	1.87	0.3821E+07	0.2131E+05	1073.00	20.45	
50.00	0.7518E+000.3740E-01	130.50	0.7859E+03	1.10	1.15	-2.76	2.02	0.3759E+07	0.2584E+05	1183.00	24.21	
55.00	0.7586E+000.3708E-01	130.86	0.6387E+03	1.19	1.29	-2.82	2.12	0.3657E+07	0.3059E+05	1301.00	27.98	
60.00	0.8231E+000.3675E-01	132.80	0.5094E+03	1.31	1.46	-2.28	2.06	0.3496E+07	0.3556E+05	1435.00	31.94	
62.00	0.8910E+000.3661E-01	134.74	0.4624E+03	1.37	1.53	-1.85	1.90	0.3395E+07	0.3763E+05	1497.00	33.65	
64.00	0.9879E+000.3676E-01	137.27	0.4179E+03	1.45	1.62	-1.43	1.82	0.3282E+07	0.3975E+05	1569.00	35.53	
66.00	0.1127E+010.3686E-01	140.96	0.3759E+03	1.54	1.71	-1.07	1.80	0.3151E+07	0.4195E+05	1647.00	37.64	
68.00	0.1283E+010.3688E-01	145.18	0.3367E+03	1.64	1.80	-0.68	1.78	0.3003E+07	0.4423E+05	1729.00	40.05	
70.00	0.1450E+010.3666E-01	149.95	0.3001E+03	1.74	1.89	-0.46	1.86	0.2845E+07	0.4658E+05	1814.00	42.79	
72.00	0.1630E+010.3630E-01	155.30	0.2663E+03	1.85	1.99	-0.26	1.94	0.2681E+07	0.4902E+05	1904.00	45.87	
74.00	0.1843E+010.3615E-01	161.39	0.2352E+03	1.99	2.10	0.05	2.12	0.2515E+07	0.5153E+05	1999.00	49.34	
76.00	0.2044E+010.3500E-01	168.80	0.2068E+03	2.10	2.21	0.34	2.34	0.2341E+07	0.5413E+05	2100.00	53.23	
78.00	0.2279E+010.3446E-01	176.52	0.1812E+03	2.25	2.32	0.16	2.61	0.2152E+07	0.5681E+05	2206.00	57.55	
80.00	0.2538E+010.3362E-01	185.90	0.1580E+03	2.42	2.42	-0.05	3.01	0.1941E+07	0.5957E+05	2313.00	62.36	
82.00	0.2784E+010.3265E-01	195.67	0.1377E+03	2.59	2.53	0.12	3.46	0.1755E+07	0.6241E+05	2423.00	67.69	
84.00	0.3030E+010.3152E-01	206.54	0.1195E+03	2.77	2.64	-0.34	3.98	0.1574E+07	0.6532E+05	2539.00	73.50	
86.00	0.3265E+010.3029E-01	218.18	0.1034E+03	2.97	2.75	-0.89	4.60	0.1402E+07	0.6831E+05	2656.00	79.80	
88.00	0.3530E+010.2934E-01	230.71	0.8905E+02	3.22	2.87	-1.16	5.13	0.1244E+07	0.7139E+05	2777.00	86.59	
90.00	0.3643E+010.2728E-01	243.95	0.7657E+02	3.36	2.98	-1.13	5.10	0.1100E+07	0.7454E+05	2901.00	93.77	
92.00	0.3364E+010.2282E-01	257.80	0.6573E+02	3.16	3.10	-1.07	5.00	0.9720E+06	0.7777E+05	3025.00	100.77	
94.00	0.3053E+010.1883E-01	272.54	0.5651E+02	2.93	3.22	-0.96	4.94	0.8583E+06	0.8108E+05	3154.00	107.19	
96.00	0.2773E+010.1560E-01	288.20	0.4834E+02	2.75	3.35	-1.62	4.87	0.7572E+06	0.8446E+05	3286.00	113.02	
98.00	0.2561E+010.1310E-01	305.98	0.4305E+02	2.56	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	118.35	
100.00	0.2764E+010.1289E-01	324.90	0.4305E+02	2.32	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	123.68	
102.00	0.2836E+010.1214E-01	343.91	0.3653E+02	2.76	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	129.28	
104.00	0.2696E+010.1062E-01	364.29	0.2956E+02	2.86	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	134.81	
106.00	0.2599E+010.9449E-02	385.46	0.2435E+02	2.98	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	3995.00	140.10	
108.00	0.2473E+010.8307E-02	408.13	0.2068E+02	3.00	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	145.17	
110.00	0.2414E+010.7510E-02	431.83	0.1800E+02	3.07	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	150.06	
112.00	0.2783E+010.8063E-02	455.53	0.1773E+02	3.42	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	155.26	
114.00	0.3071E+010.8442E-02	474.14	0.1754E+02	3.71	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	161.11	
116.00	0.2432E+010.6471E-02	486.15	0.1326E+02	3.54	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	166.61	
118.00	0.2009E+010.5195E-02	497.06	0.1083E+02	3.37	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	171.05	
120.00	0.1701E+010.4294E-02	506.60	0.8984E+01	3.26	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	174.76	
122.00	0.1671E+010.4131E-02	514.99	0.8116E+01	3.45	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	178.14	
124.00	0.1717E+010.4160E-02	523.10	0.7536E+01	3.76	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	181.52	
126.00	0.1663E+010.3949E-02	531.54	0.6780E+01	3.94	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	184.90	

SUMMARY TABLE FOR BODY POINT 1010
XB=1411.5 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1873E+000.1383E-01	123.94	0.2027E+04	0.16	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.94
15.00	0.3141E+000.2153E-01	124.99	0.1921E+04	0.27	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.19
20.00	0.4407E+000.2784E-01	126.23	0.1821E+04	0.39	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.08
25.00	0.5604E+000.3289E-01	127.44	0.1653E+04	0.51	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.58
30.00	0.6768E+000.3667E-01	128.86	0.1500E+04	0.65	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.67
35.00	0.7189E+000.3776E-01	129.44	0.1304E+04	0.77	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	13.16
40.00	0.7568E+000.3796E-01	130.34	0.1130E+04	0.90	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	16.85
45.00	0.7606E+000.3739E-01	130.74	0.9776E+03	1.02	1.00	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	20.64
50.00	0.7100E+000.3586E-01	130.20	0.8182E+03	1.15	1.00	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	24.32
55.00	0.6847E+000.3394E-01	130.57	0.6653E+03	1.29	1.06	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	27.81
60.00	0.7004E+000.3162E-01	132.55	0.5198E+03	1.46	1.10	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	31.27
62.00	0.7344E+000.3042E-01	134.54	0.4698E+03	1.12	1.12	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	32.70
64.00	0.7895E+000.2933E-01	137.32	0.4239E+03	1.14	1.14	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	34.23
66.00	0.8624E+000.2818E-01	141.00	0.3804E+03	1.16	1.16	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	35.88
68.00	0.9369E+000.2692E-01	145.20	0.3394E+03	1.18	1.18	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	37.68
70.00	0.1015E+010.2566E-01	149.97	0.3019E+03	1.20	1.20	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	39.63
72.00	0.1094E+010.2436E-01	155.31	0.2672E+03	1.23	1.23	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	41.74
74.00	0.1180E+010.2314E-01	161.39	0.2352E+03	1.26	1.26	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	44.02
76.00	0.1273E+010.2181E-01	168.78	0.2078E+03	1.29	1.29	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	46.47
78.00	0.1366E+010.2067E-01	176.52	0.1812E+03	1.34	1.34	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	49.11
80.00	0.1470E+010.1947E-01	185.90	0.1581E+03	1.39	1.39	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	51.94
82.00	0.1564E+010.1834E-01	195.67	0.1377E+03	1.44	1.44	2.53	0.12	-3.46	0.1755E+07	0.6241E+05	2423.00	54.98
84.00	0.1656E+010.1722E-01	206.56	0.1204E+03	1.49	1.49	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	58.20
86.00	0.1739E+010.1612E-01	218.26	0.1055E+03	1.55	1.55	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	61.59
88.00	0.1800E+010.1495E-01	230.83	0.9136E+02	1.60	1.60	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	65.13
90.00	0.1815E+010.1358E-01	244.08	0.7869E+02	1.63	1.63	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	68.75
92.00	0.1829E+010.1239E-01	257.94	0.6762E+02	1.67	1.67	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	72.39
94.00	0.1837E+010.1132E-01	272.68	0.5802E+02	1.72	1.72	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	76.06
96.00	0.1833E+010.1029E-01	288.45	0.5072E+02	1.74	1.74	3.35	-1.59	-4.87	0.7572E+06	0.8446E+05	3286.00	79.73
98.00	0.1806E+010.9266E-02	305.31	0.4340E+02	1.77	1.77	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	83.37
100.00	0.1809E+010.8463E-02	324.11	0.3703E+02	1.84	1.84	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	86.98
102.00	0.1767E+010.7593E-02	343.13	0.3155E+02	1.89	1.89	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	90.56
104.00	0.1704E+010.6724E-02	363.77	0.2692E+02	1.91	1.91	3.86	-1.61	-3.62	0.4373E+06	0.9854E+05	3850.00	94.03
106.00	0.1652E+010.6013E-02	385.10	0.2293E+02	1.95	1.95	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	3995.00	97.38
108.00	0.1568E+010.5272E-02	407.77	0.1952E+02	1.96	1.96	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	100.60
110.00	0.1482E+010.4617E-02	431.35	0.1663E+02	1.97	1.97	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	103.65
112.00	0.1412E+010.4108E-02	454.09	0.1406E+02	2.02	2.02	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	106.54
114.00	0.1315E+010.3638E-02	471.73	0.1202E+02	2.05	2.05	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	109.27
116.00	0.1179E+010.3151E-02	484.51	0.1032E+02	2.03	2.03	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	111.76
118.00	0.1040E+010.2700E-02	495.62	0.8686E+01	2.01	2.01	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	113.98
120.00	0.9234E+000.2338E-02	505.33	0.7411E+01	2.00	2.00	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	115.95
122.00	0.8423E+000.2090E-02	513.47	0.6469E+01	2.02	2.02	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	117.71
124.00	0.7813E+000.1902E-02	521.26	0.5764E+01	2.04	2.04	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	119.34
126.00	0.7215E+000.1721E-02	529.60	0.5126E+01	2.06	2.06	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	120.84

SUMMARY TABLE FOR BODY POINT 1011
XB=1498.0 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1854E+000.1369E-01	123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.93	
15.00	0.3110E+000.2132E-01	124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.17	
20.00	0.4364E+000.2757E-01	126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.04	
25.00	0.5550E+000.3257E-01	127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.52	
30.00	0.6703E+000.3632E-01	128.86	0.1500E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.58	
35.00	0.7121E+000.3740E-01	129.44	0.1304E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1305E+05	837.30	13.03	
40.00	0.7496E+000.3760E-01	130.34	0.1130E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	16.69	
45.00	0.7701E+000.3786E-01	130.74	0.9776E+03	1.03	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	20.49	
50.00	0.8135E+000.4116E-01	130.16	0.8001E+03	1.20	1.15	-2.76	2.02	0.3759E+07	0.2584E+05	1183.00	24.45	
55.00	0.8925E+000.4434E-01	130.53	0.6524E+03	1.41	1.29	-2.82	2.12	0.3657E+07	0.3059E+05	1301.00	28.71	
60.00	0.1047E+010.4727E-01	132.55	0.5198E+03	1.67	1.46	-2.28	2.06	0.3496E+07	0.3556E+05	1435.00	33.56	
62.00	0.1161E+010.4810E-01	134.54	0.4698E+03	1.79	1.53	-1.85	1.90	0.3395E+07	0.3763E+05	1497.00	35.77	
64.00	0.1327E+010.4931E-01	137.32	0.4239E+03	1.93	1.62	-1.43	1.82	0.3282E+07	0.3975E+05	1569.00	38.26	
66.00	0.1545E+010.5050E-01	141.00	0.3804E+03	2.09	1.71	-1.07	1.80	0.3151E+07	0.4195E+05	1647.00	41.13	
68.00	0.1789E+010.5141E-01	145.20	0.3394E+03	2.27	1.80	-0.68	1.78	0.3003E+07	0.4423E+05	1729.00	44.47	
70.00	0.2071E+010.5234E-01	149.97	0.3019E+03	2.47	1.89	-0.46	1.86	0.2845E+07	0.4658E+05	1814.00	48.33	
72.00	0.2387E+010.5314E-01	155.31	0.2672E+03	2.70	1.99	-0.26	1.94	0.2681E+07	0.4902E+05	1904.00	52.78	
74.00	0.2775E+010.5443E-01	161.39	0.2352E+03	3.00	2.10	0.05	2.12	0.2515E+07	0.5153E+05	1999.00	57.95	
76.00	0.3206E+010.5489E-01	168.80	0.2068E+03	3.29	2.21	0.34	2.34	0.2341E+07	0.5413E+05	2100.00	63.93	
78.00	0.3717E+010.5622E-01	176.52	0.1812E+03	3.67	2.32	0.16	2.61	0.2152E+07	0.5681E+05	2206.00	70.85	
80.00	0.4324E+010.5727E-01	185.90	0.1581E+03	4.12	2.42	-0.05	3.01	0.1941E+07	0.5957E+05	2313.00	78.89	
82.00	0.4982E+010.5843E-01	195.67	0.1377E+03	4.64	2.53	0.12	3.46	0.1755E+07	0.6241E+05	2423.00	88.20	
84.00	0.5696E+010.5923E-01	206.56	0.1204E+03	5.19	2.64	-0.34	3.98	0.1574E+07	0.6532E+05	2539.00	98.87	
86.00	0.6376E+010.5912E-01	218.26	0.1055E+03	5.72	2.75	-0.89	4.60	0.1402E+07	0.6831E+05	2656.00	110.95	
88.00	0.6988E+010.5803E-01	230.83	0.9136E+02	6.26	2.87	-1.16	5.13	0.1244E+07	0.7139E+05	2777.00	124.31	
90.00	0.7429E+010.5557E-01	244.08	0.7869E+02	6.72	2.98	-1.13	5.10	0.1100E+07	0.7454E+05	2901.00	138.73	
92.00	0.7733E+010.5241E-01	257.94	0.6762E+02	7.13	3.10	-1.07	5.00	0.9720E+06	0.7777E+05	3025.00	153.89	
94.00	0.7953E+010.4901E-01	272.68	0.5802E+02	7.50	3.22	-0.96	4.94	0.8583E+06	0.8108E+05	3154.00	169.58	
96.00	0.7997E+010.4494E-01	288.35	0.4978E+02	7.77	3.35	-0.98	4.87	0.7572E+06	0.8446E+05	3286.00	185.53	
98.00	0.7461E+010.3830E-01	305.18	0.4240E+02	7.52	3.47	-0.85	4.51	0.6662E+06	0.8791E+05	3422.00	200.98	
100.00	0.7913E+010.3705E-01	323.97	0.3608E+02	8.29	3.61	-0.83	4.72	0.5826E+06	0.9142E+05	3566.00	216.36	
102.00	0.7355E+010.3163E-01	342.97	0.3069E+02	8.09	3.73	-0.82	4.52	0.5054E+06	0.9500E+05	3705.00	231.63	
104.00	0.4803E+010.1897E-01	363.60	0.2612E+02	5.55	3.86	-0.82	3.62	0.4373E+06	0.9864E+05	3850.00	243.78	
106.00	0.3027E+010.1103E-01	384.92	0.2221E+02	3.70	3.98	-0.84	3.09	0.3779E+06	0.1023E+06	3995.00	251.61	
108.00	0.2768E+010.9316E-02	407.57	0.1989E+02	3.58	4.11	-0.89	0.00	0.3264E+06	0.1061E+06	4143.00	257.41	
110.00	0.3147E+010.9812E-02	431.14	0.1808E+02	4.33	4.23	-0.95	3.30	0.2814E+06	0.1099E+06	4293.00	263.33	
112.00	0.6691E+010.1948E-01	453.86	0.1356E+02	9.92	4.35	-0.81	5.24	0.2455E+06	0.1137E+06	4432.00	273.16	
114.00	0.4445E+010.1232E-01	471.35	0.1134E+02	7.30	4.42	-0.51	6.99	0.2055E+06	0.1176E+06	4535.00	284.30	
116.00	0.5403E+010.1447E-01	483.92	0.9421E+01	10.01	4.47	-0.05	5.59	0.1738E+06	0.1214E+06	4605.00	294.15	
118.00	0.5219E+010.1357E-01	495.09	0.8016E+01	10.80	4.50	0.16	4.93	0.1470E+06	0.1252E+06	4665.00	304.77	
120.00	0.3967E+010.1006E-01	504.83	0.6875E+01	9.16	4.52	-0.03	4.49	0.1244E+06	0.1290E+06	4715.00	313.96	
122.00	0.4172E+010.1036E-01	512.90	0.5945E+01	10.72	4.52	-0.14	5.14	0.1054E+06	0.1327E+06	4754.00	322.09	
124.00	0.3139E+010.7656E-02	520.39	0.5095E+01	9.04	4.53	0.27	6.11	0.8965E+05	0.1364E+06	4790.00	329.40	
126.00	0.2632E+010.6294E-02	528.55	0.4461E+01	8.35	4.54	-0.19	6.47	0.7667E+05	0.1400E+06	4829.00	335.17	

SUMMARY TABLE FOR BODY POINT 1012
XB=1584.5 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1839E+000.1357E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.92
15.00	0.3085E+000.2115E-01		124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.15
20.00	0.4329E+000.2735E-01		126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.00
25.00	0.5507E+000.3231E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.46
30.00	0.6851E+000.3603E-01		128.86	0.1500E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.50
35.00	0.7066E+000.3711E-01		129.44	0.1304E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.93
40.00	0.7437E+000.3730E-01		130.34	0.1130E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	16.56
45.00	0.7585E+000.3729E-01		130.74	0.9776E+03	1.02	1.02	-3.95	0.00	0.3821E+07	0.2131E+05	1073.00	20.31
50.00	0.7716E+000.3904E-01		130.16	0.8001E+03	1.15	1.15	-2.76	0.00	0.3759E+07	0.2584E+05	1183.00	24.14
55.00	0.8121E+000.4034E-01		130.53	0.6524E+03	1.29	1.29	-2.82	0.00	0.3657E+07	0.3059E+05	1301.00	28.10
60.00	0.9221E+000.4162E-01		132.55	0.5198E+03	1.48	1.46	-2.28	0.00	0.3496E+07	0.3556E+05	1435.00	32.43
62.00	0.1020E+010.4224E-01		134.54	0.4698E+03	1.58	1.53	-1.85	0.00	0.3395E+07	0.3763E+05	1497.00	34.37
64.00	0.1160E+010.4308E-01		137.32	0.4239E+03	1.70	1.62	-1.43	0.00	0.3282E+07	0.3975E+05	1569.00	36.55
66.00	0.1338E+010.4374E-01		141.00	0.3804E+03	1.83	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	39.05
68.00	0.1539E+010.4423E-01		145.20	0.3394E+03	1.97	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	41.93
70.00	0.1752E+010.4428E-01		149.97	0.3019E+03	2.11	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	45.22
72.00	0.1982E+010.4412E-01		155.31	0.2672E+03	2.26	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	48.96
74.00	0.2377E+010.4387E-01		161.39	0.2352E+03	2.44	2.10	0.05	0.00	0.2515E+07	0.5153E+05	1999.00	53.17
76.00	0.2479E+010.4244E-01		168.80	0.2068E+03	2.56	2.21	0.34	0.00	0.2341E+07	0.5413E+05	2100.00	57.89
78.00	0.2750E+010.4159E-01		176.52	0.1812E+03	2.74	2.32	0.16	0.00	0.2152E+07	0.5681E+05	2206.00	63.12
80.00	0.3013E+010.3991E-01		185.90	0.1581E+03	2.89	2.42	-0.05	0.00	0.1941E+07	0.5957E+05	2313.00	68.88
82.00	0.3243E+010.3803E-01		195.67	0.1377E+03	3.04	2.53	0.12	0.00	0.1755E+07	0.6241E+05	2423.00	75.14
84.00	0.3426E+010.3563E-01		206.56	0.1204E+03	3.15	2.64	-0.34	0.00	0.1574E+07	0.6532E+05	2539.00	81.81
86.00	0.3508E+010.3252E-01		218.26	0.1055E+03	3.18	2.75	-0.89	0.00	0.1402E+07	0.6831E+05	2656.00	88.74
88.00	0.3604E+010.2992E-01		230.83	0.9136E+02	3.26	2.87	-1.16	0.00	0.1244E+07	0.7139E+05	2777.00	95.85
90.00	0.3739E+010.2797E-01		244.08	0.7869E+02	3.41	2.98	-1.13	0.00	0.1100E+07	0.7454E+05	2901.00	103.19
92.00	0.3528E+010.2391E-01		257.94	0.6762E+02	3.28	3.10	-1.07	0.00	0.9720E+06	0.7777E+05	3025.00	110.46
94.00	0.3268E+010.2014E-01		272.68	0.5802E+02	3.11	3.22	-0.96	0.00	0.8583E+06	0.8108E+05	3154.00	117.26
96.00	0.2982E+010.1676E-01		288.35	0.4978E+02	2.92	3.35	-0.98	0.00	0.7572E+06	0.8446E+05	3286.00	123.51
98.00	0.2724E+010.1399E-01		305.18	0.4240E+02	2.77	3.47	-0.85	0.00	0.6662E+06	0.8791E+05	3422.00	129.21
100.00	0.2468E+010.1156E-01		323.97	0.3608E+02	2.61	3.61	-0.83	0.00	0.5826E+06	0.9142E+05	3566.00	134.41
102.00	0.2230E+010.9589E-02		342.97	0.3069E+02	2.47	3.73	-0.82	0.00	0.5054E+06	0.9500E+05	3705.00	139.10
104.00	0.2012E+010.7948E-02		363.60	0.2612E+02	2.34	3.86	-0.82	0.00	0.4373E+06	0.9864E+05	3850.00	143.35
106.00	0.1814E+010.6602E-02		385.10	0.2293E+02	2.18	3.98	-1.63	0.00	0.3779E+06	0.1023E+06	3995.00	147.17
108.00	0.1699E+010.5715E-02		407.77	0.1952E+02	2.17	4.11	-1.65	0.00	0.3264E+06	0.1061E+06	4143.00	150.69
110.00	0.1599E+010.4981E-02		431.35	0.1663E+02	2.17	4.23	-1.70	0.00	0.2814E+06	0.1099E+06	4293.00	153.98
112.00	0.1837E+010.5348E-02		453.86	0.1356E+02	2.75	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	157.42
114.00	0.1547E+010.4285E-02		471.35	0.1134E+02	2.56	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	160.80
116.00	0.1523E+010.4078E-02		483.92	0.9421E+01	2.85	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	163.87
118.00	0.1372E+010.3566E-02		495.09	0.8016E+01	2.87	4.50	0.16	-4.93	0.1470E+06	0.1252E+06	4665.00	166.77
120.00	0.1088E+010.2759E-02		504.83	0.6875E+01	2.54	4.52	-0.03	-4.49	0.1244E+06	0.1290E+06	4715.00	169.23
122.00	0.1118E+010.2777E-02		512.90	0.5945E+01	2.90	4.52	-0.14	-5.14	0.1054E+06	0.1327E+06	4754.00	171.43
124.00	0.9367E+000.2284E-02		520.61	0.5268E+01	2.66	4.53	-0.64	-6.11	0.8965E+05	0.1364E+06	4790.00	173.49
126.00	0.8387E+000.2006E-02		528.55	0.4461E+01	2.69	4.54	-0.19	-6.47	0.7667E+05	0.1400E+06	4829.00	175.26

SUMMARY TABLE FOR BODY POINT 1057
XB=1498.0 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1854E+000.1369E-01	123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	0.93	
15.00	0.3110E+000.2132E-01	124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.17	
20.00	0.4364E+000.2757E-01	126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	4.04	
25.00	0.5551E+000.3257E-01	127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	6.52	
30.00	0.6707E+000.3634E-01	128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	9.58	
35.00	0.7123E+000.3742E-01	129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	13.04	
40.00	0.7494E+000.3760E-01	130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	16.69	
45.00	0.7654E+000.3781E-01	130.64	0.9490E+03	1.03	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	20.48	
50.00	0.8388E+000.4173E-01	130.50	0.7859E+03	1.22	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	24.49	
55.00	0.9264E+000.4528E-01	130.86	0.6387E+03	1.45	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	28.90	
60.00	0.1103E+010.4924E-01	132.80	0.5094E+03	1.76	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	33.97	
62.00	0.1238E+010.5088E-01	134.74	0.4624E+03	1.91	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	36.32	
64.00	0.1423E+010.5294E-01	137.27	0.4179E+03	2.09	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	38.98	
66.00	0.1679E+010.5495E-01	140.96	0.3759E+03	2.29	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	42.08	
68.00	0.1974E+010.5677E-01	145.18	0.3367E+03	2.52	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	45.73	
70.00	0.2315E+010.5853E-01	149.95	0.3001E+03	2.78	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	50.02	
72.00	0.2704E+010.6022E-01	155.30	0.2663E+03	3.07	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	55.04	
74.00	0.3186E+010.6249E-01	161.39	0.2352E+03	3.44	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	60.93	
76.00	0.3699E+010.6334E-01	168.80	0.2068E+03	3.80	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	67.82	
78.00	0.4320E+010.6534E-01	176.52	0.1812E+03	4.26	2.32	0.16	-2.61	0.1941E+07	0.5957E+05	2213.00	75.84	
80.00	0.5135E+010.6802E-01	185.90	0.1580E+03	4.89	2.42	-0.05	-3.01	0.1755E+07	0.6241E+05	2313.00	85.29	
82.00	0.5904E+010.6925E-01	195.67	0.1377E+03	5.50	2.53	0.12	-3.46	0.1755E+07	0.6241E+05	2423.00	96.33	
84.00	0.6746E+010.7017E-01	206.54	0.1195E+03	6.18	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	108.98	
86.00	0.7308E+010.6780E-01	218.18	0.1034E+03	6.65	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	123.03	
88.00	0.7967E+010.6622E-01	230.71	0.8905E+02	7.26	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	138.31	
90.00	0.8509E+010.6371E-01	243.95	0.7657E+02	7.84	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	154.78	
92.00	0.8392E+010.5693E-01	257.80	0.6573E+02	7.88	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	171.68	
94.00	0.8224E+010.5072E-01	272.54	0.5651E+02	7.90	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	188.30	
96.00	0.7867E+010.4425E-01	288.20	0.4834E+02	7.79	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	204.39	
98.00	0.7411E+010.3808E-01	305.04	0.4124E+02	7.61	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	219.67	
100.00	0.7184E+010.3366E-01	323.80	0.3504E+02	7.68	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	234.26	
102.00	0.6723E+010.2893E-01	342.81	0.2977E+02	7.55	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	248.17	
104.00	0.6075E+010.2401E-01	363.41	0.2527E+02	7.18	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	260.97	
106.00	0.5634E+010.2054E-01	384.72	0.2143E+02	7.05	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	3995.00	272.68	
108.00	0.5305E+010.1786E-01	407.35	0.1816E+02	7.05	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	283.62	
110.00	0.5040E+010.1573E-01	430.88	0.1538E+02	7.14	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	293.96	
112.00	0.5002E+010.1457E-01	453.63	0.1303E+02	7.62	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	304.00	
114.00	0.4317E+010.1196E-01	471.20	0.1105E+02	7.21	4.42	-1.72	-3.49	0.2055E+06	0.1176E+06	4535.00	313.32	
116.00	0.4069E+010.1089E-01	483.91	0.9396E+01	7.56	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	321.71	
118.00	0.3714E+010.9655E-02	495.09	0.8016E+01	7.69	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	329.49	
120.00	0.3258E+010.8259E-02	504.83	0.6865E+01	7.53	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	336.46	
122.00	0.2977E+010.7397E-02	512.86	0.5902E+01	7.69	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	342.70	
124.00	0.2608E+010.6361E-02	520.39	0.5095E+01	7.51	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	348.28	
126.00	0.2362E+010.5650E-02	528.48	0.4415E+01	7.55	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	353.25	

SUMMARY TABLE FOR BODY POINT 1058
XB=1584.5 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1839E+000.1357E-01	0.2037E+04	123.94	0.2037E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	0.92
15.00	0.3085E+000.2115E-01	0.1921E+04	124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.15
20.00	0.4329E+000.2735E-01	0.1821E+04	126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	4.00
25.00	0.5507E+000.3232E-01	0.1553E+04	127.44	0.1553E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	6.46
30.00	0.6654E+000.3606E-01	0.1498E+04	128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	9.50
35.00	0.7067E+000.3712E-01	0.1302E+04	129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	12.93
40.00	0.7435E+000.3730E-01	0.1128E+04	130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	16.56
45.00	0.7430E+000.3664E-01	0.1068E+04	130.68	0.1068E+04	1.01	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	20.28
50.00	0.7174E+000.3569E-01	0.130.50	130.50	0.7859E+03	1.05	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	23.93
55.00	0.6949E+000.3397E-01	0.130.86	130.86	0.6387E+03	1.10	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	27.46
60.00	0.7040E+000.3144E-01	0.132.80	132.80	0.5094E+03	1.13	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	30.95
62.00	0.7333E+000.3013E-01	0.134.74	134.74	0.4624E+03	1.14	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	32.39
64.00	0.7799E+000.2802E-01	0.137.27	137.27	0.4179E+03	1.15	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	33.90
66.00	0.8413E+000.2753E-01	0.140.96	140.96	0.3759E+03	1.16	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	35.53
70.00	0.9636E+000.2636E-01	0.145.18	145.18	0.3367E+03	1.16	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	37.27
78.00	0.1010E+010.2250E-01	0.155.30	155.30	0.2663E+03	1.16	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	41.12
72.00	0.1058E+010.2075E-01	0.161.39	161.39	0.2352E+03	1.15	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	43.18
76.00	0.1110E+010.1900E-01	0.168.80	168.80	0.2088E+03	1.15	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	45.35
78.00	0.1140E+010.1725E-01	0.176.52	176.52	0.1812E+03	1.13	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	47.60
80.00	0.1149E+010.1521E-01	0.185.90	185.90	0.1580E+03	1.10	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	49.89
82.00	0.1170E+010.1372E-01	0.195.67	195.67	0.1377E+03	1.10	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	52.21
84.00	0.1242E+010.1292E-01	0.206.54	206.54	0.1195E+03	1.15	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	54.62
86.00	0.1318E+010.1223E-01	0.218.18	218.18	0.1034E+03	1.21	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	57.18
88.00	0.1381E+010.1148E-01	0.230.71	230.71	0.8905E+02	1.27	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	59.88
90.00	0.1383E+010.1036E-01	0.243.95	243.95	0.7657E+02	1.29	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	62.64
92.00	0.1371E+010.9303E-02	0.257.80	257.80	0.6573E+02	1.30	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	65.40
94.00	0.1353E+010.8343E-02	0.272.54	272.54	0.5651E+02	1.31	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	68.12
96.00	0.1321E+010.7431E-02	0.288.20	288.20	0.4834E+02	1.32	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	70.80
98.00	0.1273E+010.6538E-02	0.305.04	305.04	0.4124E+02	1.32	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	73.39
100.00	0.1244E+010.5831E-02	0.323.80	323.80	0.3504E+02	1.34	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	75.91
102.00	0.1188E+010.5112E-02	0.342.81	342.81	0.2977E+02	1.35	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	78.34
104.00	0.1124E+010.4442E-02	0.363.41	363.41	0.2527E+02	1.34	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	80.65
106.00	0.1065E+010.3882E-02	0.384.72	384.72	0.2143E+02	1.34	3.98	-1.63	-3.09	0.3779E+06	0.1023E+06	3995.00	82.84
108.00	0.1006E+010.3387E-02	0.407.35	407.35	0.1816E+02	1.35	4.11	-1.65	-3.03	0.3264E+06	0.1061E+06	4143.00	84.91
110.00	0.9528E+000.2973E-02	0.430.88	430.88	0.1538E+02	1.36	4.23	-1.70	-3.30	0.2814E+06	0.1099E+06	4293.00	86.87
112.00	0.9064E+000.2641E-02	0.453.63	453.63	0.1303E+02	1.39	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	88.73
114.00	0.8643E+000.2396E-02	0.471.20	471.20	0.1105E+02	1.46	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	90.50
116.00	0.7732E+000.2070E-02	0.483.91	483.91	0.9396E+01	1.45	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	92.14
118.00	0.6635E+000.1725E-02	0.495.09	495.09	0.8016E+01	1.39	4.50	-1.89	-4.93	0.1470E+06	0.1252E+06	4665.00	93.57
120.00	0.5840E+000.1481E-02	0.504.83	504.83	0.6885E+01	1.36	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	94.82
122.00	0.5460E+000.1357E-02	0.512.86	512.86	0.5902E+01	1.42	4.52	-1.80	-5.14	0.1054E+06	0.1327E+06	4754.00	95.95
124.00	0.5444E+000.1319E-02	0.523.10	523.10	0.7536E+01	1.20	4.53	-2.46	6.11	0.0896E+05	0.1364E+06	4790.00	97.04
126.00	0.5330E+000.1266E-02	0.531.54	531.54	0.6780E+01	1.28	4.54	-3.00	6.47	0.0766E+05	0.1400E+06	4829.00	98.12

SUMMARY TABLE FOR BODY POINT 1242
XB=1481.5 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1858E+000.1372E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.93
15.00	0.3116E+000.2136E-01		124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.17
20.00	0.4372E+000.2762E-01		126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.04
25.00	0.5561E+000.3263E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.53
30.00	0.6715E+000.3638E-01		128.86	0.1500E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.60
35.00	0.7134E+000.3747E-01		129.44	0.1304E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	13.06
40.00	0.7510E+000.3767E-01		130.34	0.1130E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	16.72
45.00	0.7646E+000.3758E-01		130.74	0.9776E+03	1.02	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	20.51
50.00	0.7662E+000.3869E-01		130.20	0.8182E+03	1.12	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	24.34
55.00	0.7934E+000.3942E-01		130.53	0.6524E+03	1.25	1.29	-2.82	2.12	0.3657E+07	0.3059E+05	1301.00	28.23
60.00	0.8756E+000.3953E-01		132.55	0.5198E+03	1.39	1.46	-2.28	2.06	0.3496E+07	0.3556E+05	1435.00	32.41
62.00	0.9457E+000.3917E-01		134.54	0.4698E+03	1.45	1.53	-1.85	1.90	0.3395E+07	0.3763E+05	1497.00	34.23
64.00	0.1050E+010.3899E-01		137.32	0.4239E+03	1.52	1.62	-1.43	1.82	0.3282E+07	0.3975E+05	1569.00	36.22
66.00	0.1185E+010.3872E-01		141.00	0.3804E+03	1.60	1.71	-1.07	1.80	0.3151E+07	0.4195E+05	1647.00	38.46
68.00	0.1330E+010.3820E-01		145.20	0.3394E+03	1.68	1.80	-0.68	1.78	0.3003E+07	0.4423E+05	1729.00	40.97
70.00	0.1491E+010.3768E-01		149.97	0.3019E+03	1.78	1.89	-0.46	1.86	0.2845E+07	0.4658E+05	1814.00	43.79
72.00	0.1664E+010.3705E-01		155.31	0.2672E+03	1.88	1.99	-0.26	1.94	0.2681E+07	0.4902E+05	1904.00	46.95
74.00	0.1866E+010.3658E-01		161.39	0.2352E+03	2.01	2.10	0.05	2.12	0.2515E+07	0.5153E+05	1999.00	50.48
76.00	0.2033E+010.3585E-01		168.78	0.2078E+03	2.14	2.21	-0.28	2.34	0.2341E+07	0.5413E+05	2100.00	54.44
78.00	0.2337E+010.3534E-01		176.52	0.1812E+03	2.30	2.32	0.16	2.61	0.2152E+07	0.5681E+05	2206.00	58.87
80.00	0.2630E+010.3484E-01		185.90	0.1581E+03	2.50	2.42	-0.05	3.01	0.1941E+07	0.5957E+05	2313.00	63.83
82.00	0.2920E+010.3425E-01		195.67	0.1377E+03	2.71	2.53	0.12	3.46	0.1755E+07	0.6241E+05	2423.00	68.38
84.00	0.3232E+010.3361E-01		206.56	0.1204E+03	2.94	2.64	-0.34	3.98	0.1574E+07	0.6532E+05	2539.00	75.54
86.00	0.3502E+010.3247E-01		218.26	0.1055E+03	3.14	2.75	-0.89	4.60	0.1402E+07	0.6831E+05	2656.00	82.27
88.00	0.3722E+010.3090E-01		230.83	0.9136E+02	3.33	2.87	-1.16	5.13	0.1244E+07	0.7139E+05	2777.00	89.49
90.00	0.3863E+010.2890E-01		244.08	0.7869E+02	3.49	2.98	-1.13	5.10	0.1100E+07	0.7454E+05	2901.00	97.08
92.00	0.3855E+010.2613E-01		257.94	0.6762E+02	3.58	3.10	-1.07	5.00	0.9720E+06	0.7777E+05	3025.00	104.80
94.00	0.3801E+010.2342E-01		272.68	0.5802E+02	3.58	3.22	-0.96	4.94	0.8593E+06	0.8108E+05	3154.00	112.45
96.00	0.3696E+010.2077E-01		288.35	0.4978E+02	3.58	3.35	-0.98	4.87	0.7572E+06	0.8446E+05	3286.00	119.95
98.00	0.3509E+010.1802E-01		305.18	0.4240E+02	3.53	3.47	-0.85	4.51	0.6662E+06	0.8791E+05	3422.00	127.15
100.00	0.3456E+010.1618E-01		323.97	0.3608E+02	3.61	3.61	-0.83	4.72	0.5826E+06	0.9142E+05	3566.00	134.12
102.00	0.3284E+010.1411E-01		343.13	0.3155E+02	3.54	3.73	-1.57	4.52	0.5054E+06	0.9500E+05	3705.00	140.86
104.00	0.3068E+010.1211E-01		363.77	0.2692E+02	3.46	3.86	-1.61	3.62	0.4373E+06	0.9864E+05	3850.00	147.21
106.00	0.2910E+010.1059E-01		385.10	0.2293E+02	3.47	3.98	-1.63	3.09	0.3779E+06	0.1023E+06	3995.00	153.19
108.00	0.2757E+010.9272E-02		407.77	0.1952E+02	3.48	4.11	-1.65	3.03	0.3264E+06	0.1061E+06	4143.00	158.86
110.00	0.2623E+010.8171E-02		431.35	0.1663E+02	3.51	4.23	-1.70	3.30	0.2814E+06	0.1099E+06	4293.00	164.24
112.00	0.2684E+010.7814E-02		453.86	0.1356E+02	3.97	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	169.54
114.00	0.2623E+010.7292E-02		471.73	0.1202E+02	4.14	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	174.86
116.00	0.2244E+010.6008E-02		483.92	0.9421E+01	4.15	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	179.74
118.00	0.1957E+010.5086E-02		495.23	0.8194E+01	3.98	4.50	-0.42	-4.93	0.1470E+06	0.1252E+06	4665.00	183.94
120.00	0.1689E+010.4283E-02		504.83	0.6875E+01	3.89	4.52	-0.03	-4.49	0.1244E+06	0.1290E+06	4715.00	187.59
122.00	0.1588E+010.3946E-02		512.90	0.5945E+01	4.07	4.52	-0.14	-5.14	0.1054E+06	0.1327E+06	4754.00	190.87
124.00	0.1472E+010.3589E-02		520.61	0.5268E+01	4.14	4.53	-0.64	-6.11	0.8965E+05	0.1364E+06	4790.00	193.93
126.00	0.1347E+010.3216E-02		529.25	0.4904E+01	4.00	4.54	-2.07	-6.47	0.7667E+05	0.1400E+06	4829.00	196.74

SUMMARY TABLE FOR BODY POINT 1338
XB=1498.0 THETAB= 263.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1854E+000.1369E-01	123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.93	
15.00	0.3110E+000.2132E-01	124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.17	
20.00	0.4364E+000.2757E-01	126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.04	
25.00	0.5551E+000.3257E-01	127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.52	
30.00	0.6707E+000.3634E-01	128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.58	
35.00	0.7123E+000.3742E-01	129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	13.04	
40.00	0.7493E+000.3760E-01	130.33	0.1128E+04	1.00	0.90	-2.79	-2.02	0.3827E+07	0.1702E+05	965.30	16.69	
45.00	0.7388E+000.3650E-01	130.64	0.9490E+03	1.00	1.02	-2.61	1.87	0.3821E+07	0.2131E+05	1073.00	20.41	
50.00	0.6691E+000.3328E-01	130.50	0.7859E+03	0.98	1.15	-2.76	2.02	0.3759E+07	0.2584E+05	1183.00	23.93	
55.00	0.6118E+000.2991E-01	130.86	0.6387E+03	0.96	1.29	-2.82	2.12	0.3657E+07	0.3059E+05	1301.00	27.13	
60.00	0.6000E+000.2679E-01	132.80	0.5094E+03	0.96	1.46	-2.28	2.06	0.3496E+07	0.3556E+05	1435.00	30.16	
62.00	0.6232E+000.2561E-01	134.74	0.4624E+03	0.96	1.53	-1.85	1.90	0.3395E+07	0.3763E+05	1497.00	31.39	
64.00	0.6613E+000.2461E-01	137.27	0.4179E+03	0.97	1.62	-1.43	1.82	0.3282E+07	0.3975E+05	1569.00	32.67	
66.00	0.7215E+000.2361E-01	140.96	0.3759E+03	0.98	1.71	-1.07	1.80	0.3151E+07	0.4195E+05	1647.00	34.05	
68.00	0.7867E+000.2262E-01	145.18	0.3367E+03	1.00	1.80	-0.68	1.78	0.3003E+07	0.4423E+05	1729.00	35.56	
70.00	0.8519E+000.2154E-01	149.95	0.3001E+03	1.02	1.89	-0.46	1.86	0.2845E+07	0.4658E+05	1814.00	37.20	
72.00	0.9173E+000.2043E-01	155.30	0.2663E+03	1.04	1.99	-0.26	1.94	0.2681E+07	0.4902E+05	1904.00	38.97	
74.00	0.9936E+000.1949E-01	161.39	0.2352E+03	1.07	2.10	0.05	2.12	0.2515E+07	0.5153E+05	1999.00	40.88	
76.00	0.1055E+010.1807E-01	168.80	0.2068E+03	1.08	2.21	0.34	2.34	0.2341E+07	0.5413E+05	2100.00	42.93	
78.00	0.1129E+010.1708E-01	176.52	0.1812E+03	1.11	2.32	0.16	2.61	0.2152E+07	0.5681E+05	2206.00	45.11	
80.00	0.1213E+010.1606E-01	185.90	0.1580E+03	1.16	2.42	-0.05	3.01	0.1941E+07	0.5957E+05	2313.00	47.46	
82.00	0.1283E+010.1505E-01	195.67	0.1377E+03	1.19	2.53	0.12	3.46	0.1755E+07	0.6241E+05	2423.00	49.95	
84.00	0.1347E+010.1401E-01	206.54	0.1195E+03	1.23	2.64	-0.34	3.98	0.1574E+07	0.6532E+05	2539.00	52.58	
86.00	0.1403E+010.1301E-01	218.18	0.1034E+03	1.28	2.75	-0.89	4.60	0.1402E+07	0.6831E+05	2656.00	55.33	
88.00	0.1466E+010.1219E-01	230.71	0.8905E+02	1.34	2.87	-1.16	5.13	0.1244E+07	0.7139E+05	2777.00	58.20	
90.00	0.1465E+010.1097E-01	243.95	0.7657E+02	1.35	2.98	-1.13	5.10	0.1100E+07	0.7454E+05	2901.00	61.13	
92.00	0.1302E+010.8836E-02	257.80	0.6573E+02	1.22	3.10	-1.07	5.00	0.9720E+06	0.7777E+05	3025.00	63.90	
94.00	0.1138E+010.7016E-02	272.54	0.5651E+02	1.09	3.22	-0.96	4.94	0.8583E+06	0.8108E+05	3154.00	66.34	
96.00	0.9942E+000.5592E-02	288.20	0.4834E+02	0.98	3.35	-1.62	4.87	0.7572E+06	0.8446E+05	3286.00	68.47	
98.00	0.8797E+000.4499E-02	305.94	0.4910E+02	0.80	3.47	-0.85	4.51	0.6662E+06	0.8791E+05	3422.00	70.34	
100.00	0.9108E+000.4248E-02	324.83	0.4248E+02	0.85	3.61	-1.60	4.72	0.5826E+06	0.9142E+05	3566.00	72.14	
102.00	0.9033E+000.3869E-02	343.84	0.3603E+02	0.89	3.73	-1.57	4.52	0.5054E+06	0.9500E+05	3705.00	73.95	
104.00	0.8304E+000.3272E-02	364.21	0.2912E+02	0.89	3.86	-1.61	3.62	0.4373E+06	0.9864E+05	3850.00	75.68	
106.00	0.7775E+000.2827E-02	385.40	0.2407E+02	0.90	3.98	-1.63	3.09	0.3779E+06	0.1023E+06	3995.00	77.29	
108.00	0.7368E+000.2475E-02	408.07	0.2047E+02	0.90	4.11	-1.65	3.03	0.3264E+06	0.1061E+06	4143.00	78.80	
110.00	0.7153E+000.2226E-02	431.73	0.1767E+02	0.92	4.23	-1.70	3.30	0.2814E+06	0.1099E+06	4293.00	80.26	
112.00	0.8252E+000.2392E-02	455.43	0.1745E+02	1.02	4.35	-1.59	5.24	0.2416E+06	0.1137E+06	4432.00	81.80	
114.00	0.9061E+000.2492E-02	473.98	0.1712E+02	1.11	4.42	-1.72	6.99	0.2055E+06	0.1176E+06	4535.00	83.53	
116.00	0.7194E+000.1915E-02	486.01	0.1301E+02	1.06	4.47	-1.89	5.59	0.1738E+06	0.1214E+06	4605.00	85.15	
118.00	0.5952E+000.1540E-02	496.94	0.1065E+02	1.01	4.50	-1.58	4.93	0.1470E+06	0.1252E+06	4665.00	86.47	
120.00	0.5043E+000.1273E-02	506.49	0.8835E+01	0.98	4.52	-1.50	4.49	0.1244E+06	0.1290E+06	4715.00	87.57	
122.00	0.4946E+000.1223E-02	514.85	0.7963E+01	1.04	4.52	-1.80	5.14	0.1054E+06	0.1327E+06	4754.00	88.57	
124.00	0.5052E+000.1225E-02	522.90	0.7331E+01	1.13	4.53	-2.46	6.11	0.8965E+05	0.1364E+06	4790.00	89.57	
126.00	0.4853E+000.1153E-02	531.25	0.6506E+01	1.18	4.54	-3.00	6.47	0.7667E+05	0.1400E+06	4829.00	90.57	

SUMMARY TABLE FOR BODY POINT 1369
XB=1498.0 THETAB= 22.5

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	LOAD
10.00	0.1854E+000.1369E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	0.93
15.00	0.3110E+000.2132E-01		124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.17
20.00	0.4364E+000.2757E-01		126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.04
25.00	0.5551E+000.3257E-01		127.44	0.1653E+04	1.00	0.51	-0.32	-2.38	0.2933E+07	0.6939E+04	569.50	6.52
30.00	0.6705E+000.3633E-01		128.86	0.1499E+04	1.00	0.65	-3.24	-3.62	0.3401E+07	0.9582E+04	709.40	9.58
35.00	0.7122E+000.3741E-01		129.44	0.1303E+04	1.00	0.77	-3.02	-2.82	0.3647E+07	0.1330E+05	837.30	13.04
40.00	0.7498E+000.3760E-01		130.34	0.1131E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	16.69
45.00	0.7820E+000.3847E-01		130.73	0.9733E+03	1.04	1.02	-3.95	0.00	0.3821E+07	0.2131E+05	1073.00	20.52
50.00	0.8997E+000.4548E-01		130.19	0.8142E+03	1.32	1.15	-4.41	0.00	0.3759E+07	0.2584E+05	1183.00	24.72
55.00	0.1067E+010.5295E-01		130.55	0.6620E+03	1.67	1.29	-4.15	0.00	0.3657E+07	0.3059E+05	1301.00	29.64
60.00	0.1345E+010.6085E-01		132.50	0.5276E+03	2.13	1.46	-3.78	0.00	0.3496E+07	0.3556E+05	1435.00	35.67
62.00	0.1537E+010.6392E-01		134.44	0.4777E+03	2.35	1.53	-3.61	0.00	0.3395E+07	0.3763E+05	1497.00	38.55
64.00	0.1824E+010.6758E-01		137.38	0.4333E+03	2.61	1.62	-3.57	0.00	0.3282E+07	0.3975E+05	1569.00	41.91
66.00	0.2179E+010.7105E-01		141.07	0.3894E+03	2.90	1.71	-3.35	0.00	0.3151E+07	0.4195E+05	1647.00	45.92
68.00	0.2588E+010.7417E-01		145.29	0.3489E+03	3.22	1.80	-3.23	0.00	0.3003E+07	0.4423E+05	1729.00	50.68
70.00	0.3052E+010.7696E-01		150.06	0.3109E+03	3.57	1.89	-3.01	0.00	0.2845E+07	0.4608E+05	1814.00	56.32
72.00	0.3574E+010.7941E-01		155.40	0.2754E+03	3.97	1.99	-2.69	0.00	0.2681E+07	0.4902E+05	1904.00	62.95
74.00	0.4169E+010.8161E-01		161.49	0.2429E+03	4.40	2.10	-2.41	0.00	0.2515E+07	0.5153E+05	1999.00	70.69
76.00	0.4850E+010.8329E-01		168.63	0.2132E+03	4.89	2.21	-1.73	0.00	0.2341E+07	0.5413E+05	2100.00	79.71
78.00	0.5571E+010.8414E-01		176.61	0.1860E+03	5.40	2.32	-1.04	0.00	0.2152E+07	0.5681E+05	2206.00	90.13
80.00	0.6280E+010.8312E-01		185.96	0.1607E+03	5.91	2.42	-0.76	0.00	0.1941E+07	0.5957E+05	2313.00	101.98
82.00	0.7008E+010.8214E-01		195.71	0.1396E+03	6.46	2.53	-0.98	0.00	0.1755E+07	0.6241E+05	2423.00	115.27
84.00	0.7785E+010.8092E-01		206.61	0.1218E+03	7.04	2.64	-1.27	0.00	0.1574E+07	0.6532E+05	2539.00	130.07
86.00	0.8537E+010.7913E-01		218.29	0.1062E+03	7.63	2.75	-1.64	0.00	0.1402E+07	0.6831E+05	2656.00	146.39
88.00	0.9261E+010.7688E-01		230.87	0.9195E+02	8.26	2.87	-1.57	0.00	0.1244E+07	0.7139E+05	2777.00	164.19
90.00	0.9932E+010.7427E-01		244.12	0.7939E+02	8.93	2.98	-1.62	0.00	0.1100E+07	0.7454E+05	2901.00	183.38
92.00	0.9579E+010.6490E-01		258.00	0.6840E+02	8.76	3.10	-1.64	0.00	0.9720E+06	0.7777E+05	3025.00	202.89
94.00	0.8446E+010.4744E-01		288.43	0.5054E+02	8.12	3.35	-1.63	0.00	0.8583E+06	0.8108E+05	3154.00	221.50
96.00	0.7860E+010.4033E-01		305.29	0.4324E+02	7.82	3.47	-1.59	0.00	0.7572E+06	0.8446E+05	3286.00	238.97
98.00	0.7302E+010.3417E-01		324.09	0.3688E+02	7.54	3.61	-1.60	0.00	0.6662E+06	0.8791E+05	3422.00	255.28
100.00	0.6733E+010.2893E-01		343.10	0.3141E+02	7.28	3.73	-1.61	0.00	0.5826E+06	0.9142E+05	3566.00	270.44
102.00	0.6226E+010.2458E-01		363.74	0.2679E+02	7.07	3.86	-1.61	0.00	0.4373E+06	0.9864E+05	3850.00	297.43
104.00	0.5724E+010.2084E-01		385.08	0.2282E+02	6.86	3.98	-1.63	0.00	0.3779E+06	0.1023E+06	3995.00	309.39
106.00	0.5385E+010.1811E-01		407.74	0.1942E+02	6.83	4.11	-1.65	0.00	0.3264E+06	0.1061E+06	4143.00	320.49
108.00	0.5084E+010.1584E-01		431.31	0.1653E+02	6.85	4.23	-1.70	0.00	0.2814E+06	0.1099E+06	4293.00	330.96
110.00	0.4689E+010.1364E-01		454.06	0.1398E+02	6.81	4.35	-1.59	0.00	0.2416E+06	0.1137E+06	4432.00	340.74
112.00	0.4336E+010.1200E-01		471.69	0.1195E+02	6.86	4.42	-1.72	0.00	0.2055E+06	0.1176E+06	4535.00	349.76
114.00	0.3970E+010.1061E-01		484.47	0.1025E+02	6.94	4.47	-1.89	0.00	0.1738E+06	0.1214E+06	4605.00	358.07
116.00	0.3461E+010.8985E-02		495.58	0.8635E+01	6.80	4.50	-1.58	0.00	0.1470E+06	0.1252E+06	4665.00	365.50
118.00	0.3076E+010.7789E-02		505.29	0.7370E+01	6.77	4.52	-1.50	0.00	0.1244E+06	0.1290E+06	4715.00	372.04
120.00	0.2832E+010.7027E-02		513.42	0.6426E+01	6.90	4.52	-1.80	0.00	0.1054E+06	0.1327E+06	4754.00	377.94
122.00	0.2699E+010.6571E-02		521.19	0.5713E+01	7.18	4.53	-2.46	0.00	0.0896E+05	0.1364E+06	4790.00	383.48
124.00	0.2552E+010.6090E-02		529.52	0.5071E+01	7.42	4.54	-3.00	0.00	0.7667E+05	0.1400E+06	4829.00	388.73

SUMMARY TABLE FOR BODY POINT 1384
XB=1498.0 THETAB= 67.5

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1854E+000.1369E-01	123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	0.93	0.93 2.17 4.04 6.52 9.58 13.04 16.69 20.51 24.68 29.53 35.38 38.15 41.33 45.07 49.53 54.80 61.03 68.37 77.06 87.28 99.32 113.51 149.47 171.38 195.52 219.73 242.01 262.28 280.54 297.08 312.12 325.56 337.65 348.86 359.46 369.50 389.31 397.27 403.86 409.94 416.34 423.27
15.00	0.3110E+000.2132E-01	124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.17	
20.00	0.4364E+000.2757E-01	126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	4.04	
25.00	0.5551E+000.3257E-01	127.44	0.1653E+04	1.00	0.51	-0.32	-2.38	0.2933E+07	0.6939E+04	569.50	6.52	
30.00	0.6707E+000.3634E-01	128.85	0.1498E+04	1.00	0.65	-3.24	-1.81	0.3401E+07	0.9582E+04	709.40	9.58	
35.00	0.7123E+000.3742E-01	129.44	0.1302E+04	1.00	0.77	-3.02	-1.41	0.3647E+07	0.1330E+05	837.30	13.04	
40.00	0.7496E+000.3760E-01	130.34	0.1130E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	16.69	
45.00	0.7768E+000.3825E-01	130.71	0.9674E+03	1.04	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	20.51	
50.00	0.8942E+000.4448E-01	130.50	0.7859E+03	1.30	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	24.68	
55.00	0.1044E+010.5102E-01	130.86	0.6387E+03	1.63	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	29.53	
60.00	0.1297E+010.5789E-01	132.80	0.5094E+03	2.06	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	35.38	
62.00	0.1471E+010.6044E-01	134.74	0.4624E+03	2.26	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	38.15	
64.00	0.1708E+010.6357E-01	137.27	0.4179E+03	2.51	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	41.33	
66.00	0.2038E+010.6668E-01	140.96	0.3759E+03	2.78	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	45.07	
68.00	0.2416E+010.6946E-01	145.18	0.3367E+03	3.08	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	49.53	
70.00	0.2859E+010.7229E-01	149.95	0.3001E+03	3.43	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	54.80	
72.00	0.3368E+010.7500E-01	155.30	0.2663E+03	3.82	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	61.03	
74.00	0.3976E+010.7797E-01	161.39	0.2352E+03	4.29	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	68.37	
76.00	0.4712E+010.8068E-01	168.80	0.2068E+03	4.84	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	77.06	
78.00	0.5508E+010.8330E-01	176.52	0.1812E+03	5.44	2.32	-0.47	-2.61	0.2152E+07	0.5681E+05	2206.00	87.28	
80.00	0.6527E+010.8645E-01	185.90	0.1580E+03	6.22	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	99.32	
82.00	0.7665E+010.8990E-01	195.67	0.1377E+03	7.13	2.53	-0.17	-3.46	0.1755E+07	0.6241E+05	2423.00	113.51	
84.00	0.8987E+010.9349E-01	206.54	0.1195E+03	8.23	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	130.16	
86.00	0.1032E+020.9572E-01	218.18	0.1034E+03	9.39	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	149.47	
88.00	0.1160E+020.9640E-01	230.71	0.8905E+02	10.57	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	171.38	
90.00	0.1254E+020.9390E-01	243.95	0.7657E+02	11.55	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	195.52	
92.00	0.1167E+020.7916E-01	257.80	0.6573E+02	10.96	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	219.73	
94.00	0.1061E+020.6544E-01	272.54	0.5651E+02	10.19	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	242.01	
96.00	0.9661E+010.5434E-01	288.20	0.4834E+02	9.57	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	262.28	
98.00	0.8604E+010.4420E-01	305.04	0.4124E+02	8.84	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	280.54	
100.00	0.7931E+010.3716E-01	323.80	0.3504E+02	8.48	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	297.08	
102.00	0.7108E+010.3059E-01	342.81	0.2977E+02	7.98	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	312.12	
104.00	0.6334E+010.2504E-01	363.41	0.2527E+02	7.48	3.86	-1.61	-3.62	0.4373E+06	0.9864E+05	3850.00	325.56	
106.00	0.5756E+010.2097E-01	384.87	0.2201E+02	7.07	3.98	-1.63	0.00	0.3779E+06	0.1023E+06	3995.00	337.65	
108.00	0.5451E+010.1835E-01	407.51	0.1868E+02	7.10	4.11	-1.65	0.00	0.3264E+06	0.1061E+06	4143.00	348.86	
110.00	0.5155E+010.1608E-01	431.06	0.1586E+02	7.15	4.23	-1.70	0.00	0.2814E+06	0.1099E+06	4293.00	359.46	
112.00	0.4881E+010.1422E-01	453.63	0.1303E+02	7.44	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	369.50	
114.00	0.5249E+010.1455E-01	471.20	0.1105E+02	8.77	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	379.63	
116.00	0.4435E+010.1187E-01	483.91	0.9396E+01	8.23	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	389.31	
118.00	0.3522E+010.9154E-02	495.09	0.8016E+01	7.29	4.50	-1.58	-4.93	0.1470E+06	0.1252E+06	4665.00	397.27	
120.00	0.3072E+010.7790E-02	504.83	0.6865E+01	7.10	4.52	-1.50	-4.49	0.1244E+06	0.1290E+06	4715.00	403.86	
122.00	0.3006E+010.7469E-02	512.86	0.5902E+01	7.77	4.52	-1.46	-5.14	0.1054E+06	0.1327E+06	4754.00	409.94	
124.00	0.3395E+010.8282E-02	520.39	0.5095E+01	9.78	4.53	-2.80	-6.11	0.0895E+05	0.1364E+06	4790.00	416.34	
126.00	0.3534E+010.8454E-02	528.48	0.4415E+01	11.30	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	423.27	

SUMMARY TABLE FOR BODY POINT 7414
XB=1504.0 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1853E+000.1368E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.93
15.00	0.3108E+000.2131E-01		124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.17
20.00	0.4361E+000.2755E-01		126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.03
25.00	0.5547E+000.3255E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.51
30.00	0.6699E+000.3629E-01		128.86	0.1500E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.57
35.00	0.7117E+000.3788E-01		129.44	0.1304E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	13.03
40.00	0.7491E+000.3757E-01		130.34	0.1130E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	16.68
45.00	0.7806E+000.3837E-01		130.74	0.9776E+03	1.04	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	20.50
50.00	0.8889E+000.4489E-01		130.20	0.8182E+03	1.30	1.15	-4.41	0.00	0.3759E+07	0.2584E+05	1183.00	24.68
55.00	0.1038E+010.5147E-01		130.57	0.6653E+03	1.62	1.29	-4.15	0.00	0.3657E+07	0.3059E+05	1301.00	29.49
60.00	0.1284E+010.5806E-01		132.52	0.5302E+03	2.03	1.46	-3.78	2.06	0.3496E+07	0.3556E+05	1435.00	35.30
62.00	0.1455E+010.6046E-01		134.46	0.4803E+03	2.22	1.53	-3.61	1.90	0.3395E+07	0.3763E+05	1497.00	38.04
64.00	0.1713E+010.6344E-01		137.40	0.4358E+03	2.45	1.62	-3.57	1.82	0.3282E+07	0.3975E+05	1569.00	41.21
66.00	0.2023E+010.6593E-01		141.09	0.3917E+03	2.69	1.71	-3.35	1.80	0.3151E+07	0.4195E+05	1647.00	44.94
68.00	0.2378E+010.6812E-01		145.30	0.3510E+03	2.95	1.80	-3.23	1.78	0.3003E+07	0.4423E+05	1729.00	49.34
70.00	0.2765E+010.6969E-01		150.07	0.3119E+03	3.23	1.89	-3.01	1.86	0.2845E+07	0.4658E+05	1814.00	54.49
72.00	0.3188E+010.7082E-01		155.41	0.2762E+03	3.53	1.99	-2.69	1.94	0.2681E+07	0.4902E+05	1904.00	60.44
74.00	0.3670E+010.7182E-01		161.50	0.2435E+03	3.87	2.10	-2.41	2.12	0.2515E+07	0.5153E+05	1999.00	67.30
76.00	0.4218E+010.7245E-01		168.62	0.2138E+03	4.25	2.21	-2.14	2.34	0.2341E+07	0.5413E+05	2100.00	75.18
78.00	0.4787E+010.7230E-01		176.61	0.1864E+03	4.64	2.32	-1.73	3.01	0.1941E+07	0.5957E+05	2313.00	94.32
80.00	0.5342E+010.7070E-01		185.96	0.1609E+03	5.03	2.42	-1.04	3.46	0.1755E+07	0.6241E+05	2423.00	105.65
82.00	0.5989E+010.7020E-01		195.72	0.1398E+03	5.52	2.53	-0.76	3.98	0.1574E+07	0.6532E+05	2539.00	118.41
84.00	0.6771E+010.7037E-01		206.61	0.1220E+03	6.12	2.64	-0.98	4.60	0.1402E+07	0.6831E+05	2656.00	132.76
86.00	0.7583E+010.7028E-01		218.30	0.1064E+03	6.77	2.75	-1.27	5.13	0.1244E+07	0.7139E+05	2777.00	148.70
88.00	0.8348E+010.6929E-01		230.88	0.9218E+02	7.44	2.87	-1.57	5.10	0.1100E+07	0.7454E+05	2901.00	165.96
90.00	0.8912E+010.6664E-01		244.13	0.7962E+02	8.01	2.98	-1.62	5.00	0.9720E+06	0.7777E+05	3025.00	184.06
92.00	0.9195E+010.6229E-01		258.01	0.5910E+02	8.78	3.22	-1.63	4.94	0.8583E+06	0.8108E+05	3154.00	202.67
94.00	0.9418E+010.5800E-01		272.77	0.5072E+02	9.19	3.35	-1.62	4.87	0.7572E+06	0.8446E+05	3286.00	221.66
96.00	0.9569E+010.5374E-01		288.45	0.5072E+02	9.50	3.47	-1.59	4.51	0.6662E+06	0.8791E+05	3422.00	240.79
98.00	0.9561E+010.4905E-01		305.31	0.4340E+02	9.50	3.61	-1.60	4.72	0.5826E+06	0.9142E+05	3566.00	260.07
100.00	0.9722E+010.4549E-01		324.11	0.3703E+02	10.02	3.73	-1.57	4.52	0.5054E+06	0.9500E+05	3705.00	279.39
102.00	0.9598E+010.4124E-01		343.13	0.3155E+02	10.36	3.86	-1.61	3.62	0.4373E+06	0.9864E+05	3850.00	298.26
104.00	0.9270E+010.3659E-01		363.77	0.2692E+02	10.50	3.98	-1.63	3.09	0.3779E+06	0.1023E+06	3995.00	316.53
106.00	0.8997E+010.3275E-01		385.10	0.2293E+02	10.75	4.11	-1.65	3.03	0.3264E+06	0.1061E+06	4143.00	334.08
108.00	0.8550E+010.2875E-01		407.77	0.1952E+02	10.82	4.23	-1.70	3.30	0.2814E+06	0.1099E+06	4293.00	350.76
110.00	0.8139E+010.2536E-01		431.35	0.1663E+02	10.94	4.35	-1.59	5.24	0.2416E+06	0.1137E+06	4432.00	366.89
112.00	0.7983E+010.2323E-01		454.09	0.1406E+02	11.55	4.47	-1.72	6.99	0.2055E+06	0.1176E+06	4535.00	382.59
114.00	0.7721E+010.2137E-01		471.73	0.1202E+02	12.17	4.42	-1.89	5.59	0.1738E+06	0.1214E+06	4605.00	397.06
116.00	0.6747E+010.1804E-01		484.51	0.1032E+02	11.74	4.50	-1.58	4.93	0.1470E+06	0.1252E+06	4665.00	409.64
118.00	0.5836E+010.1515E-01		495.62	0.8686E+01	11.44	4.52	-1.50	4.49	0.1244E+06	0.1290E+06	4715.00	420.60
120.00	0.5125E+010.1298E-01		505.33	0.7411E+01	11.24	4.52	-1.80	6.11	0.1054E+06	0.1327E+06	4754.00	430.50
122.00	0.4776E+010.1185E-01		513.47	0.6469E+01	11.59	4.52	-2.46	6.11	0.0896E+05	0.1364E+06	4790.00	439.78
124.00	0.4494E+010.1094E-01		521.26	0.5764E+01	11.89	4.53	-3.00	6.47	0.7667E+05	0.1400E+06	4829.00	448.38
126.00	0.4110E+010.9804E-02		529.60	0.5126E+01	11.86	4.54						

SUMMARY TABLE FOR BODY POINT 7424
XB=1504.0 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1853E+000	1.368E-01	123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	0.93
15.00	0.3108E+000	2.131E-01	124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.17
20.00	0.4361E+000	2.755E-01	126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	4.03
25.00	0.5547E+000	3.255E-01	127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	6.51
30.00	0.6702E+000	3.632E-01	128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	9.57
35.00	0.7118E+000	3.739E-01	129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	13.03
40.00	0.7489E+000	3.757E-01	130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	16.68
45.00	0.7654E+000	3.775E-01	130.68	0.9584E+03	1.03	1.02	-2.61	1.87	0.3821E+07	0.2131E+05	1073.00	20.47
50.00	0.8332E+000	4.174E-01	130.50	0.7859E+03	1.22	1.15	-4.41	0.00	0.3759E+07	0.2584E+05	1183.00	24.48
55.00	0.9269E+000	4.531E-01	130.86	0.6387E+03	1.45	1.29	-4.15	0.00	0.3657E+07	0.3059E+05	1301.00	28.89
60.00	0.1086E+010	4.847E-01	132.80	0.5094E+03	1.73	1.46	-3.78	0.00	0.3496E+07	0.3556E+05	1435.00	33.92
62.00	0.1205E+010	4.953E-01	134.74	0.4624E+03	1.86	1.53	-3.61	0.00	0.3395E+07	0.3763E+05	1497.00	36.21
64.00	0.1366E+010	5.082E-01	137.27	0.4179E+03	2.00	1.62	-3.57	0.00	0.3282E+07	0.3975E+05	1569.00	38.79
66.00	0.1584E+010	5.182E-01	140.96	0.3759E+03	2.16	1.71	-3.35	0.00	0.3151E+07	0.4195E+05	1647.00	41.74
68.00	0.1825E+010	5.248E-01	145.18	0.3367E+03	2.33	1.80	-3.23	0.00	0.3003E+07	0.4423E+05	1729.00	45.14
70.00	0.2089E+010	5.282E-01	149.95	0.3001E+03	2.51	1.89	-3.01	0.00	0.2845E+07	0.4658E+05	1814.00	49.06
72.00	0.2379E+010	5.297E-01	155.30	0.2663E+03	2.70	1.99	-2.66	-1.94	0.2681E+07	0.4902E+05	1904.00	53.53
74.00	0.2700E+010	5.296E-01	161.39	0.2352E+03	2.92	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	58.60
76.00	0.3061E+010	5.242E-01	168.80	0.2068E+03	3.14	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	64.37
78.00	0.3407E+010	5.153E-01	176.52	0.1812E+03	3.37	2.32	-0.47	-2.61	0.2152E+07	0.5681E+05	2206.00	70.83
80.00	0.3810E+010	5.047E-01	185.90	0.1580E+03	3.63	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	78.05
82.00	0.4154E+010	4.871E-01	195.67	0.1377E+03	3.87	2.53	-0.17	-3.46	0.1755E+07	0.6241E+05	2423.00	86.02
84.00	0.4485E+010	4.665E-01	206.54	0.1195E+03	4.11	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	94.65
86.00	0.4708E+010	4.368E-01	218.18	0.1034E+03	4.29	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	103.85
88.00	0.4973E+010	4.133E-01	230.71	0.8905E+02	4.54	2.87	-1.57	0.00	0.1244E+07	0.7139E+05	2777.00	113.53
90.00	0.5205E+010	3.897E-01	243.95	0.7657E+02	4.80	2.98	-1.62	0.00	0.1100E+07	0.7454E+05	2901.00	123.71
92.00	0.5654E+010	3.836E-01	257.80	0.6573E+02	5.31	3.10	-1.64	0.00	0.9720E+06	0.7777E+05	3025.00	134.56
94.00	0.6175E+010	3.809E-01	272.54	0.5651E+02	5.94	3.22	-1.63	0.00	0.8583E+06	0.8108E+05	3154.00	146.39
96.00	0.6682E+010	3.758E-01	288.20	0.4834E+02	6.62	3.35	-1.62	0.00	0.7572E+06	0.8446E+05	3286.00	159.25
98.00	0.7171E+010	3.684E-01	305.04	0.4124E+02	7.37	3.47	-1.59	0.00	0.6662E+06	0.8791E+05	3422.00	173.10
100.00	0.7676E+010	3.597E-01	323.80	0.3504E+02	8.21	3.61	-1.60	0.00	0.5826E+06	0.9142E+05	3566.00	187.95
102.00	0.8041E+010	3.460E-01	342.81	0.2977E+02	9.03	3.73	-1.57	0.00	0.5054E+06	0.9500E+05	3705.00	203.67
104.00	0.8388E+010	3.319E-01	363.41	0.2527E+02	9.93	3.86	-1.61	0.00	0.4373E+06	0.9864E+05	3850.00	220.11
106.00	0.8686E+010	3.166E-01	384.72	0.2143E+02	10.88	3.98	-1.63	0.00	0.3779E+06	0.1023E+06	3995.00	237.19
108.00	0.8310E+010	2.798E-01	407.35	0.1816E+02	11.05	4.11	-1.65	0.00	0.3264E+06	0.1061E+06	4143.00	254.19
110.00	0.7805E+010	2.436E-01	430.88	0.1538E+02	11.07	4.23	-1.70	0.00	0.2814E+06	0.1099E+06	4293.00	270.30
112.00	0.7230E+010	2.106E-01	453.63	0.1303E+02	11.03	4.35	-1.59	0.00	0.2416E+06	0.1137E+06	4432.00	285.34
114.00	0.6624E+010	1.836E-01	471.20	0.1105E+02	11.07	4.42	-1.72	0.00	0.2055E+06	0.1176E+06	4535.00	299.19
116.00	0.5995E+010	1.605E-01	483.91	0.9396E+01	11.14	4.47	-1.89	0.00	0.1738E+06	0.1214E+06	4605.00	311.81
118.00	0.5323E+010	1.384E-01	495.09	0.8016E+01	11.03	4.50	-1.58	0.00	0.1470E+06	0.1252E+06	4665.00	323.13
120.00	0.4754E+010	1.205E-01	504.83	0.6865E+01	10.99	4.52	-1.50	0.00	0.1244E+06	0.1290E+06	4715.00	333.21
122.00	0.4295E+010	1.067E-01	512.86	0.5902E+01	11.11	4.52	-1.80	0.00	0.1054E+06	0.1327E+06	4754.00	342.26
124.00	0.3936E+010	9.601E-02	520.39	0.5095E+01	11.35	4.53	-2.46	0.00	0.8965E+05	0.1364E+06	4790.00	350.49
126.00	0.3609E+010	8.633E-02	528.48	0.4415E+01	11.55	4.54	-3.00	0.00	0.7667E+05	0.1400E+06	4829.00	358.03

SUMMARY TABLE FOR BODY POINT 7425
XB=1504.0 THETAB= 180.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ²)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1853E+000.1368E-01		123.94	0.2027E+04	1.00	0.16	-0.27	0.58	0.1126E+07	0.1350E+04	183.10	0.93
15.00	0.3108E+000.2131E-01		124.99	0.1921E+04	1.00	0.27	-0.01	3.23	0.1788E+07	0.2823E+04	306.30	2.17
20.00	0.4360E+000.2755E-01		126.23	0.1821E+04	1.00	0.39	0.48	-2.94	0.2391E+07	0.4296E+04	429.50	4.03
25.00	0.5547E+000.3255E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.51
30.00	0.6702E+000.3632E-01		128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.57
35.00	0.7118E+000.3739E-01		129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	13.03
40.00	0.7487E+000.3757E-01		130.33	0.1127E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	16.68
45.00	0.7579E+000.3744E-01		130.64	0.9490E+03	1.02	1.02	-2.61	1.87	0.3821E+07	0.2131E+05	1073.00	20.45
50.00	0.7896E+000.3923E-01		130.50	0.7859E+03	1.15	1.15	-2.76	2.02	0.3759E+07	0.2584E+05	1183.00	24.31
55.00	0.8258E+000.4037E-01		130.86	0.6387E+03	1.29	1.29	-2.82	2.12	0.3657E+07	0.3059E+05	1301.00	28.35
60.00	0.9364E+000.4181E-01		132.80	0.5094E+03	1.49	1.46	-2.28	2.06	0.3496E+07	0.3556E+05	1435.00	32.75
62.00	0.1055E+010.4335E-01		134.74	0.4624E+03	1.63	1.53	-1.85	0.00	0.3395E+07	0.3763E+05	1497.00	34.74
64.00	0.1216E+010.4525E-01		137.27	0.4179E+03	1.78	1.62	-1.43	0.00	0.3282E+07	0.3975E+05	1569.00	37.02
66.00	0.1435E+010.4696E-01		140.96	0.3759E+03	1.96	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	39.67
68.00	0.1695E+010.4874E-01		145.18	0.3367E+03	2.16	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	42.80
70.00	0.1967E+010.4974E-01		149.95	0.3001E+03	2.36	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	46.46
72.00	0.2269E+010.5053E-01		155.30	0.2663E+03	2.58	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	50.70
74.00	0.2626E+010.5149E-01		161.39	0.2354E+03	2.84	2.10	0.05	0.00	0.2515E+07	0.5153E+05	1999.00	55.59
76.00	0.2948E+010.5050E-01		168.77	0.2079E+03	3.02	2.21	0.34	0.00	0.2341E+07	0.5413E+05	2100.00	61.16
78.00	0.3299E+010.4989E-01		176.53	0.1816E+03	3.25	2.32	0.16	0.00	0.2152E+07	0.5681E+05	2206.00	67.41
80.00	0.3629E+010.4806E-01		185.90	0.1580E+03	3.46	2.42	-0.05	0.00	0.1941E+07	0.5957E+05	2313.00	74.34
82.00	0.3961E+010.4645E-01		195.68	0.1381E+03	3.68	2.53	0.12	0.00	0.1755E+07	0.6241E+05	2423.00	81.93
84.00	0.4109E+010.4274E-01		206.54	0.1195E+03	3.77	2.64	-0.34	0.00	0.1574E+07	0.6532E+05	2539.00	90.00
86.00	0.4039E+010.3748E-01		218.18	0.1034E+03	3.68	2.75	-0.89	0.00	0.1402E+07	0.6831E+05	2656.00	98.15
88.00	0.4072E+010.3385E-01		230.71	0.8905E+02	3.71	2.87	-1.16	0.00	0.1244E+07	0.7139E+05	2777.00	106.26
90.00	0.4255E+010.3186E-01		243.95	0.7657E+02	3.92	2.98	-1.13	0.00	0.1100E+07	0.7454E+05	2901.00	114.59
92.00	0.4490E+010.3046E-01		257.80	0.6573E+02	4.22	3.10	-1.07	0.00	0.9720E+06	0.7777E+05	3025.00	123.33
94.00	0.4760E+010.2936E-01		272.54	0.5651E+02	4.57	3.22	-0.96	0.00	0.8583E+06	0.8108E+05	3154.00	132.58
96.00	0.4909E+010.2761E-01		288.20	0.4834E+02	4.87	3.35	-0.98	0.00	0.7572E+06	0.8446E+05	3286.00	142.25
98.00	0.5087E+010.2613E-01		305.04	0.4124E+02	5.23	3.47	-0.85	0.00	0.6662E+06	0.8791E+05	3422.00	152.25
100.00	0.5195E+010.2434E-01		323.80	0.3504E+02	5.56	3.61	-0.83	0.00	0.5826E+06	0.9142E+05	3566.00	162.53
102.00	0.5219E+010.2246E-01		342.81	0.2977E+02	5.86	3.73	-0.82	0.00	0.5054E+06	0.9500E+05	3705.00	172.94
104.00	0.5220E+010.2063E-01		363.41	0.2527E+02	6.17	3.86	-0.82	0.00	0.4373E+06	0.9864E+05	3850.00	183.38
106.00	0.5237E+010.1909E-01		384.72	0.2143E+02	6.56	3.98	-1.63	0.00	0.3779E+06	0.1023E+06	3995.00	193.84
108.00	0.4989E+010.1680E-01		407.35	0.1816E+02	6.64	4.11	-1.65	0.00	0.3264E+06	0.1061E+06	4143.00	204.06
110.00	0.4683E+010.1461E-01		430.88	0.1538E+02	6.64	4.23	-1.70	0.00	0.2814E+06	0.1137E+06	4293.00	213.74
112.00	0.3973E+010.1101E-01		471.20	0.1105E+02	6.63	4.42	-1.72	0.00	0.2055E+06	0.1176E+06	4535.00	231.08
116.00	0.3585E+010.9598E-02		483.91	0.9396E+01	6.66	4.47	-1.89	0.00	0.1738E+06	0.1214E+06	4605.00	238.64
118.00	0.3200E+010.8317E-02		495.09	0.8016E+01	6.63	4.50	-1.58	0.00	0.1470E+06	0.1252E+06	4665.00	245.42
120.00	0.2862E+010.7255E-02		504.83	0.6865E+01	6.62	4.52	-1.50	0.00	0.1244E+06	0.1290E+06	4715.00	251.49
122.00	0.2573E+010.6392E-02		512.86	0.5902E+01	6.65	4.52	-1.80	0.00	0.1054E+06	0.1327E+06	4754.00	256.92
124.00	0.2472E+010.6030E-02		520.39	0.5095E+01	7.13	4.53	-2.46	-6.11	0.8965E+05	0.1364E+06	4790.00	261.97
126.00	0.2515E+010.6017E-02		528.48	0.4415E+01	8.05	4.54	-3.00	-6.47	0.7667E+05	0.1400E+06	4829.00	266.95

SUMMARY TABLE FOR BODY POINT 7685
XB=1530.0 THETAB= 225.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1848E+000.1364E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.92
15.00	0.3100E+000.2125E-01		124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.16
20.00	0.4351E+000.2749E-01		126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.02
25.00	0.5534E+000.3248E-01		127.85	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.50
30.00	0.6687E+000.3624E-01		128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.55
35.00	0.7101E+000.3731E-01		129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	13.00
40.00	0.7469E+000.3748E-01		130.33	0.1127E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	16.64
45.00	0.7406E+000.3658E-01		130.64	0.9490E+03	1.00	1.02	-2.61	0.00	0.3821E+07	0.2131E+05	1073.00	20.36
50.00	0.6895E+000.3430E-01		130.50	0.7859E+03	1.01	1.15	-2.76	0.00	0.3759E+07	0.2584E+05	1183.00	23.93
55.00	0.6464E+000.3160E-01		130.86	0.6387E+03	1.01	1.29	-2.82	0.00	0.3657E+07	0.3059E+05	1301.00	27.27
60.00	0.6433E+000.2872E-01		132.80	0.5094E+03	1.03	1.46	-2.28	0.00	0.3496E+07	0.3556E+05	1435.00	30.50
62.00	0.6708E+000.2756E-01		134.74	0.4624E+03	1.04	1.53	-1.85	0.00	0.3395E+07	0.3763E+05	1497.00	31.81
64.00	0.7109E+000.2645E-01		137.27	0.4179E+03	1.05	1.62	-1.43	0.00	0.3282E+07	0.3975E+05	1569.00	33.19
66.00	0.715E+000.2524E-01		140.96	0.3759E+03	1.06	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	34.68
68.00	0.8361E+000.2402E-01		145.21	0.3399E+03	1.06	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	36.28
70.00	0.9002E+000.2274E-01		149.99	0.3040E+03	1.07	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	38.02
72.00	0.9631E+000.2143E-01		155.35	0.2707E+03	1.08	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	39.88
74.00	0.9631E+000.2143E-01		161.46	0.2405E+03	1.10	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	41.87
76.00	0.1080E+010.1854E-01		168.68	0.2116E+03	1.10	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	43.98
78.00	0.1140E+010.1721E-01		176.63	0.1871E+03	1.10	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	46.20
80.00	0.1199E+010.1586E-01		186.03	0.1639E+03	1.12	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	48.54
82.00	0.1236E+010.1447E-01		195.84	0.1445E+03	1.12	2.53	0.12	-3.46	0.1755E+07	0.6241E+05	2423.00	50.98
84.00	0.1260E+010.1308E-01		206.74	0.1260E+03	1.12	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	53.47
86.00	0.1244E+010.1151E-01		218.42	0.1096E+03	1.09	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	55.98
88.00	0.1226E+010.1016E-01		231.00	0.9464E+02	1.08	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	58.45
90.00	0.1223E+010.9138E-02		244.27	0.8187E+02	1.08	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	60.90
92.00	0.1231E+010.8332E-02		258.16	0.7063E+02	1.11	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	63.35
94.00	0.1243E+010.7645E-02		272.94	0.6097E+02	1.14	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	65.82
96.00	0.1234E+010.6922E-02		288.63	0.5239E+02	1.16	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	68.30
98.00	0.1229E+010.6302E-02		305.49	0.4476E+02	1.20	3.47	-0.85	-4.51	0.6662E+06	0.8791E+05	3422.00	70.76
100.00	0.1218E+010.5693E-02		324.33	0.3847E+02	1.23	3.61	-0.83	-4.72	0.5826E+06	0.9142E+05	3566.00	73.21
102.00	0.1187E+010.5095E-02		343.34	0.3273E+02	1.25	3.73	-0.82	-4.52	0.5054E+06	0.9500E+05	3705.00	75.62
104.00	0.1139E+010.4493E-02		363.85	0.2729E+02	1.28	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	77.94
106.00	0.1087E+010.3958E-02		385.09	0.2289E+02	1.30	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	80.17
108.00	0.1024E+010.3444E-02		407.74	0.1941E+02	1.30	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	82.28
110.00	0.9509E+000.2994E-02		431.33	0.1660E+02	1.30	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	84.26
112.00	0.9458E+000.2748E-02		454.57	0.1514E+02	1.30	4.35	-0.81	-5.24	0.2416E+06	0.1137E+06	4432.00	86.17
114.00	0.9006E+000.2650E-02		472.87	0.1445E+02	1.33	4.42	-0.51	-6.99	0.2055E+06	0.1176E+06	4535.00	88.08
116.00	0.8725E+000.2327E-02		485.32	0.1171E+02	1.39	4.47	-0.05	-5.59	0.1738E+06	0.1214E+06	4605.00	89.91
118.00	0.7665E+000.1986E-02		496.39	0.9768E+01	1.39	4.50	0.16	-4.93	0.1470E+06	0.1252E+06	4665.00	91.55
120.00	0.6741E+000.1704E-02		505.92	0.8065E+01	1.40	4.52	-0.03	-4.49	0.1244E+06	0.1290E+06	4715.00	92.99
122.00	0.6134E+000.1518E-02		514.46	0.7515E+01	1.34	4.52	0.70	-5.14	0.1054E+06	0.1327E+06	4754.00	94.28
124.00	0.5754E+000.1397E-02		522.24	0.6688E+01	1.38	4.53	0.27	-6.11	0.8965E+05	0.1364E+06	4790.00	95.47
126.00	0.5186E+000.1234E-02		530.73	0.6065E+01	1.33	4.54	0.74	-6.47	0.7667E+05	0.1400E+06	4829.00	96.56

SUMMARY TABLE FOR BODY POINT 7686
XB=1527.0 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BEGA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1849E+000.1365E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.92
15.00	0.3101E+000.2126E-01		124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.16
20.00	0.4352E+000.2750E-01		126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.03
25.00	0.5535E+000.3248E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.50
30.00	0.6685E+000.3622E-01		128.86	0.1500E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.55
35.00	0.7102E+000.3730E-01		129.44	0.1304E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	13.00
40.00	0.7476E+000.3750E-01		130.34	0.1130E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	16.64
45.00	0.7425E+000.3650E-01		130.74	0.9776E+03	0.99	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	20.37
50.00	0.6495E+000.3280E-01		130.20	0.8182E+03	0.95	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	23.85
55.00	0.5861E+000.2905E-01		130.57	0.6653E+03	0.92	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	26.94
60.00	0.5576E+000.2521E-01		132.52	0.5302E+03	0.88	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	29.80
62.00	0.5685E+000.2355E-01		134.54	0.4698E+03	0.88	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	30.92
64.00	0.5959E+000.2207E-01		137.40	0.4358E+03	0.85	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	32.09
66.00	0.6301E+000.2053E-01		141.09	0.3917E+03	0.84	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	33.31
68.00	0.6632E+000.1900E-01		145.07	0.3510E+03	0.83	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	34.61
70.00	0.6943E+000.1750E-01		150.30	0.3119E+03	0.81	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	35.96
72.00	0.7234E+000.1607E-01		155.41	0.2762E+03	0.80	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	37.38
74.00	0.7521E+000.1475E-01		161.39	0.2352E+03	0.81	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	38.86
76.00	0.7932E+000.1358E-01		168.80	0.2068E+03	0.82	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	40.40
78.00	0.8352E+000.1263E-01		176.52	0.1812E+03	0.83	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2206.00	42.03
80.00	0.8683E+000.1150E-01		185.90	0.1580E+03	0.83	2.43	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	43.73
82.00	0.8584E+000.1007E-01		195.67	0.1377E+03	0.80	2.53	0.41	-3.46	0.1755E+07	0.6241E+05	2423.00	45.46
84.00	0.8513E+000.8848E-02		206.61	0.1220E+03	0.77	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	47.17
86.00	0.8543E+000.7918E-02		218.30	0.1064E+03	0.76	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	48.88
88.00	0.8494E+000.7051E-02		230.88	0.9218E+02	0.76	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	50.58
90.00	0.8343E+000.6239E-02		244.13	0.7962E+02	0.75	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	52.26
92.00	0.8683E+000.5882E-02		258.01	0.6862E+02	0.79	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	53.97
94.00	0.9094E+000.5601E-02		272.77	0.5910E+02	0.85	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	55.74
96.00	0.9445E+000.5305E-02		288.45	0.5072E+02	0.91	3.35	-1.62	-4.87	0.7572E+06	0.8466E+05	3286.00	57.60
98.00	0.9664E+000.4958E-02		305.31	0.4340E+02	0.96	3.47	-1.59	-4.51	0.6662E+06	0.8791E+05	3422.00	59.51
100.00	0.1001E+010.4682E-02		324.11	0.3703E+02	1.03	3.61	-1.60	-4.72	0.5826E+06	0.9142E+05	3566.00	61.48
102.00	0.1006E+010.4323E-02		343.13	0.3155E+02	1.09	3.73	-1.57	-4.52	0.5054E+06	0.9500E+05	3705.00	63.48
104.00	0.9826E+000.3881E-02		363.60	0.2612E+02	1.14	3.86	-0.82	-3.62	0.4373E+06	0.9864E+05	3850.00	65.47
106.00	0.9608E+000.3500E-02		384.92	0.2221E+02	1.18	3.98	-0.84	-3.09	0.3779E+06	0.1023E+06	3995.00	67.41
108.00	0.9114E+000.3067E-02		407.57	0.1889E+02	1.18	4.11	-0.89	-3.03	0.3264E+06	0.1061E+06	4143.00	69.29
110.00	0.8647E+000.2696E-02		431.14	0.1608E+02	1.19	4.23	-0.95	-3.30	0.2814E+06	0.1099E+06	4293.00	71.06
112.00	0.8685E+000.2527E-02		454.09	0.1406E+02	1.26	4.35	-1.59	-5.24	0.2416E+06	0.1137E+06	4432.00	72.80
114.00	0.8265E+000.2287E-02		471.73	0.1202E+02	1.31	4.42	-1.72	-6.99	0.2055E+06	0.1176E+06	4535.00	74.49
116.00	0.7221E+000.1930E-02		484.51	0.1032E+02	1.26	4.47	-1.89	-5.59	0.1738E+06	0.1214E+06	4605.00	76.04
118.00	0.6680E+000.1736E-02		495.09	0.8016E+01	1.39	4.50	0.74	-4.93	0.1470E+06	0.1252E+06	4665.00	77.43
120.00	0.6276E+000.1591E-02		504.83	0.6865E+01	1.45	4.52	1.44	-4.49	0.1244E+06	0.1290E+06	4715.00	78.72
122.00	0.5737E+000.1425E-02		512.86	0.5902E+01	1.49	4.52	1.53	-5.14	0.1054E+06	0.1327E+06	4750.00	79.93
124.00	0.5092E+000.1242E-02		520.39	0.5095E+01	1.47	4.53	1.18	-6.11	0.8965E+05	0.1364E+06	4790.00	81.01
126.00	0.4472E+000.1070E-02		528.48	0.4415E+01	1.43	4.54	0.74	-6.47	0.7667E+05	0.1400E+06	4829.00	81.97

SUMMARY TABLE FOR BODY POINT 8439
XB=1397.0 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1876E+000.1385E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	0.94
15.00	0.3146E+000.2157E-01		124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.19
20.00	0.4414E+000.2789E-01		126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4298E+04	429.50	4.08
25.00	0.5614E+000.3294E-01		127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	6.59
30.00	0.6782E+000.3675E-01		128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9587E+04	709.40	9.69
35.00	0.7202E+000.3783E-01		129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	13.19
40.00	0.7577E+000.3801E-01		130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	16.88
45.00	0.7633E+000.3765E-01		130.68	0.9584E+03	1.01	1.02	-2.61	1.87	0.3821E+07	0.2131E+05	1073.00	20.68
50.00	0.7610E+000.3786E-01		130.50	0.7859E+03	1.01	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	24.49
55.00	0.7662E+000.3745E-01		130.86	0.6387E+03	1.19	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	28.31
60.00	0.8241E+000.3680E-01		132.80	0.5094E+03	1.30	1.46	-2.28	0.00	0.3496E+07	0.3556E+05	1435.00	32.29
62.00	0.8906E+000.3659E-01		134.74	0.4624E+03	1.36	1.53	-1.85	0.00	0.3395E+07	0.3768E+05	1497.00	34.00
64.00	0.9810E+000.3650E-01		137.27	0.4179E+03	1.42	1.62	-1.43	0.00	0.3282E+07	0.3975E+05	1569.00	35.87
66.00	0.1107E+010.3622E-01		140.96	0.3759E+03	1.49	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	37.96
68.00	0.1245E+010.3580E-01		145.18	0.3367E+03	1.57	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	40.31
70.00	0.1387E+010.3507E-01		149.95	0.3001E+03	1.64	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	42.95
72.00	0.1535E+010.3419E-01		155.30	0.2663E+03	1.72	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	45.87
74.00	0.1705E+010.3343E-01		161.39	0.2352E+03	1.82	2.10	0.05	0.00	0.2515E+07	0.5153E+05	1999.00	49.11
76.00	0.1921E+010.3289E-01		168.80	0.2068E+03	1.95	2.21	0.34	0.00	0.2341E+07	0.5413E+05	2100.00	52.73
78.00	0.2170E+010.3282E-01		176.52	0.1812E+03	2.12	2.32	0.79	0.00	0.2152E+07	0.5681E+05	2206.00	56.82
80.00	0.2371E+010.3141E-01		185.90	0.1580E+03	2.23	2.42	0.94	0.00	0.1941E+07	0.5957E+05	2313.00	61.37
82.00	0.2395E+010.2809E-01		195.67	0.1377E+03	2.20	2.53	0.41	0.00	0.1755E+07	0.6241E+05	2423.00	66.13
84.00	0.2373E+010.2468E-01		206.54	0.1195E+03	2.15	2.64	-0.34	0.00	0.1574E+07	0.6532E+05	2539.00	70.90
86.00	0.2413E+010.2228E-01		218.71	0.1183E+03	2.11	2.75	-1.27	4.60	0.1402E+07	0.6831E+05	2656.00	75.69
88.00	0.2619E+010.2164E-01		231.42	0.1049E+03	2.11	2.87	-1.57	5.13	0.1244E+07	0.7139E+05	2777.00	80.72
90.00	0.2679E+010.1994E-01		244.73	0.9103E+02	2.17	2.98	-1.62	5.10	0.1100E+07	0.7454E+05	2901.00	86.02
92.00	0.2603E+010.1756E-01		258.65	0.7857E+02	2.14	3.10	-0.96	5.00	0.9720E+06	0.7777E+05	3025.00	91.30
94.00	0.2518E+010.1544E-01		273.45	0.6787E+02	2.09	3.22	-0.82	4.94	0.8583E+06	0.8108E+05	3154.00	96.42
96.00	0.2436E+010.1362E-01		289.17	0.5850E+02	2.09	3.35	-0.98	4.87	0.7572E+06	0.8446E+05	3286.00	101.37
98.00	0.2318E+010.1185E-01		305.98	0.4948E+02	2.08	3.47	-0.85	4.51	0.6662E+06	0.8791E+05	3422.00	106.13
100.00	0.2276E+010.1061E-01		324.90	0.4305E+02	2.09	3.61	-0.82	-4.52	0.5054E+06	0.9500E+05	3566.00	110.72
102.00	0.2193E+010.9435E-02		342.81	0.2977E+02	2.43	3.73	-0.82	-3.62	0.4373E+06	0.9142E+05	3705.00	115.19
104.00	0.2077E+010.8208E-02		363.41	0.2527E+02	2.42	3.86	-0.82	-3.09	0.3779E+06	0.9864E+05	3850.00	119.46
106.00	0.1954E+010.7125E-02		384.72	0.2143E+02	2.42	3.98	-0.84	-3.03	0.3264E+06	0.1061E+06	4143.00	123.49
108.00	0.1836E+010.6184E-02		407.35	0.1816E+02	2.41	4.11	-0.89	-3.30	0.2814E+06	0.1099E+06	4293.00	127.28
110.00	0.1729E+010.5394E-02		430.88	0.1538E+02	2.42	4.23	-0.95	-5.24	0.2416E+06	0.1137E+06	4432.00	134.28
112.00	0.1709E+010.4978E-02		453.63	0.1303E+02	2.57	4.35	-0.81	6.99	0.2055E+06	0.1176E+06	4535.00	137.72
114.00	0.1733E+010.4764E-02		474.14	0.1154E+02	2.07	4.42	-0.51	5.59	0.1738E+06	0.1214E+06	4605.00	140.97
116.00	0.1516E+010.4035E-02		486.15	0.1326E+02	2.18	4.47	-0.05	4.93	0.1470E+06	0.1252E+06	4665.00	143.86
118.00	0.1370E+010.3543E-02		497.06	0.1083E+02	2.27	4.50	0.74	4.49	0.1244E+06	0.1290E+06	4715.00	146.47
120.00	0.1238E+010.3126E-02		506.60	0.8984E+01	2.34	4.52	1.44	5.14	0.1054E+06	0.1327E+06	4754.00	148.85
122.00	0.1140E+010.2817E-02		514.99	0.8116E+01	2.32	4.52	1.53	6.11	0.8965E+05	0.1364E+06	4790.00	151.04
124.00	0.1054E+010.2553E-02		523.10	0.7536E+01	2.28	4.53	1.18	6.47	0.7667E+05	0.1400E+06	4829.00	153.05
126.00	0.9532E+000.2263E-02		531.54	0.6780E+01	2.23	4.54	0.74					

SUMMARY TABLE FOR BODY POINT 61
XB=1637.5 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1829E+000.1351E-01	123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.91	
15.00	0.3070E+000.2105E-01	124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.14	
20.00	0.4308E+000.2722E-01	126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.98	
25.00	0.5480E+000.3216E-01	127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.43	
30.00	0.6619E+000.3586E-01	128.86	0.1500E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.46	
35.00	0.7032E+000.3693E-01	129.44	0.1304E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.87	
40.00	0.7402E+000.3712E-01	130.34	0.1130E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	16.48	
45.00	0.7550E+000.3711E-01	130.74	0.9776E+03	1.02	1.02	-3.95	0.00	0.3821E+07	0.2131E+05	1073.00	20.22	
50.00	0.7679E+000.3885E-01	130.16	0.8001E+03	1.15	1.15	-2.76	0.00	0.3759E+07	0.2584E+05	1183.00	24.02	
55.00	0.8082E+000.4015E-01	130.53	0.6524E+03	1.29	1.29	-2.82	0.00	0.3657E+07	0.3059E+05	1301.00	27.96	
60.00	0.9177E+000.4142E-01	132.55	0.5198E+03	1.48	1.46	-2.28	0.00	0.3496E+07	0.3556E+05	1435.00	32.28	
62.00	0.1015E+010.4204E-01	134.54	0.4698E+03	1.58	1.53	-1.85	0.00	0.3395E+07	0.3763E+05	1497.00	34.21	
64.00	0.1154E+010.4288E-01	137.32	0.4239E+03	1.70	1.62	-1.43	0.00	0.3282E+07	0.3975E+05	1569.00	36.38	
66.00	0.1332E+010.4353E-01	141.00	0.3804E+03	1.83	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	38.87	
68.00	0.1532E+010.4402E-01	145.20	0.3394E+03	1.97	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	41.73	
70.00	0.1744E+010.4407E-01	149.97	0.3019E+03	2.11	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	45.00	
72.00	0.1972E+010.4391E-01	155.31	0.2672E+03	2.26	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	48.72	
74.00	0.2226E+010.4365E-01	161.39	0.2352E+03	2.44	2.10	0.05	0.00	0.2515E+07	0.5153E+05	1999.00	52.92	
76.00	0.2467E+010.4224E-01	168.80	0.2068E+03	2.56	2.32	0.34	0.00	0.2341E+07	0.5413E+05	2100.00	57.61	
78.00	0.2736E+010.4139E-01	176.52	0.1812E+03	2.74	2.42	0.16	0.00	0.2152E+07	0.5681E+05	2206.00	62.81	
80.00	0.2998E+010.3971E-01	185.90	0.1581E+03	2.89	2.53	-0.05	0.00	0.1941E+07	0.5957E+05	2313.00	68.55	
82.00	0.3227E+010.3785E-01	195.67	0.1377E+03	3.04	2.64	0.12	0.00	0.1755E+07	0.6241E+05	2423.00	74.77	
84.00	0.3409E+010.3545E-01	206.56	0.1204E+03	3.15	2.75	-0.34	0.00	0.1574E+07	0.6532E+05	2539.00	81.41	
86.00	0.3490E+010.3236E-01	218.26	0.1055E+03	3.18	2.87	-0.89	0.00	0.1402E+07	0.6831E+05	2656.00	88.31	
88.00	0.3586E+010.2977E-01	230.83	0.9136E+02	3.26	2.98	-1.16	0.00	0.1244E+07	0.7139E+05	2777.00	95.39	
90.00	0.3720E+010.2783E-01	244.08	0.7869E+02	3.41	3.10	-1.13	0.00	0.1100E+07	0.7454E+05	2901.00	102.69	
92.00	0.3510E+010.2379E-01	257.94	0.6762E+02	3.28	3.22	-1.07	0.00	0.9720E+06	0.7777E+05	3025.00	109.92	
94.00	0.3251E+010.2003E-01	272.68	0.5802E+02	3.11	3.35	-0.96	0.00	0.8583E+06	0.8108E+05	3154.00	116.68	
96.00	0.2967E+010.1667E-01	288.35	0.4978E+02	2.92		-0.98	0.00	0.7572E+06	0.8446E+05	3286.00	122.90	

SUMMARY TABLE FOR BODY POINT 62
XB=1714.3 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1816E+000.1341E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.91
15.00	0.3048E+000.2090E-01		124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.12
20.00	0.4279E+000.2703E-01		126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.96
25.00	0.5443E+000.3194E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.39
30.00	0.6574E+000.3561E-01		128.86	0.1500E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.39
35.00	0.6984E+000.3668E-01		129.44	0.1304E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.78
40.00	0.7351E+000.3687E-01		130.34	0.1130E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	16.36
45.00	0.7484E+000.3679E-01		130.74	0.9776E+03	1.02	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	20.07
50.00	0.7478E+000.3777E-01		130.20	0.8182E+03	1.12	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	23.81
55.00	0.7720E+000.3827E-01		130.57	0.6653E+03	1.23	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	27.61
60.00	0.8593E+000.3879E-01		132.55	0.5198E+03	1.39	1.46	-2.28	0.00	0.3496E+07	0.3556E+05	1435.00	31.69
62.00	0.9426E+000.3904E-01		134.54	0.4698E+03	1.48	1.53	-1.85	0.00	0.3395E+07	0.3763E+05	1497.00	33.49
64.00	0.1063E+010.3948E-01		137.32	0.4239E+03	1.57	1.62	-1.43	0.00	0.3282E+07	0.3975E+05	1569.00	35.50
66.00	0.1216E+010.3973E-01		141.00	0.3804E+03	1.68	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	37.78
68.00	0.1386E+010.3983E-01		145.20	0.3394E+03	1.79	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	40.38
70.00	0.1565E+010.3954E-01		149.97	0.3019E+03	1.91	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	43.33
72.00	0.1754E+010.3906E-01		155.31	0.2672E+03	2.03	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	46.65
74.00	0.1964E+010.3852E-01		161.39	0.2352E+03	2.16	2.10	0.05	0.00	0.2515E+07	0.5153E+05	1999.00	50.37
76.00	0.2166E+010.3710E-01		168.80	0.2068E+03	2.27	2.21	0.34	0.00	0.2341E+07	0.5413E+05	2100.00	54.50
78.00	0.2380E+010.3599E-01		176.52	0.1812E+03	2.40	2.32	0.16	0.00	0.2152E+07	0.5681E+05	2206.00	59.04
80.00	0.2584E+010.3423E-01		185.90	0.1591E+03	2.51	2.42	-0.05	0.00	0.1941E+07	0.5957E+05	2313.00	64.01
82.00	0.2766E+010.3244E-01		195.67	0.1377E+03	2.63	2.53	0.12	0.00	0.1755E+07	0.6241E+05	2423.00	69.36
84.00	0.2899E+010.3015E-01		206.56	0.1204E+03	2.70	2.64	-0.34	0.00	0.1574E+07	0.6532E+05	2539.00	75.02
86.00	0.2952E+010.2737E-01		218.26	0.1055E+03	2.70	2.75	-0.89	0.00	0.1402E+07	0.6831E+05	2656.00	80.88
88.00	0.3015E+010.2503E-01		230.83	0.9136E+02	2.76	2.87	-1.16	0.00	0.1244E+07	0.7139E+05	2777.00	86.84
90.00	0.3109E+010.2326E-01		244.08	0.7869E+02	2.87	2.98	-1.13	0.00	0.1100E+07	0.7454E+05	2901.00	92.97
92.00	0.3070E+010.2081E-01		257.94	0.6762E+02	2.89	3.10	-1.07	0.00	0.9720E+06	0.7777E+05	3025.00	99.14
94.00	0.3007E+010.1853E-01		272.68	0.5802E+02	2.90	3.22	-0.96	0.00	0.8583E+06	0.8108E+05	3154.00	105.22
96.00	0.2900E+010.1630E-01		288.35	0.4978E+02	2.88	3.35	-0.98	0.00	0.7572E+06	0.8446E+05	3286.00	111.13

SUMMARY TABLE FOR BODY POINT 63
XB=1733.3 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1813E+000.1339E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.91
15.00	0.3043E+000.2086E-01		124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1786E+07	0.2823E+04	306.30	2.12
20.00	0.4272E+000.2698E-01		126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.95
25.00	0.5434E+000.3189E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.38
30.00	0.6564E+000.3556E-01		128.86	0.1500E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.38
35.00	0.6974E+000.3663E-01		129.44	0.1304E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.76
40.00	0.7340E+000.3681E-01		130.34	0.1130E+04	1.00	0.90	-3.48	2.02	0.3821E+07	0.1702E+05	965.30	16.34
45.00	0.7523E+000.3698E-01		130.74	0.9776E+03	1.02	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	20.05
50.00	0.7792E+000.3935E-01		130.20	0.8182E+03	1.17	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	23.88
55.00	0.8339E+000.4134E-01		130.57	0.6653E+03	1.33	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	27.92
60.00	0.9633E+000.4348E-01		132.55	0.5198E+03	1.57	1.46	-2.28	0.00	0.3496E+07	0.3556E+05	1435.00	32.41
62.00	0.1073E+010.4443E-01		134.54	0.4688E+03	1.68	1.53	-1.85	0.00	0.3395E+07	0.3763E+05	1497.00	34.44
64.00	0.1229E+010.4566E-01		137.32	0.4239E+03	1.82	1.62	-1.43	0.00	0.3282E+07	0.3975E+05	1569.00	36.75
66.00	0.1429E+010.4670E-01		141.00	0.3804E+03	1.98	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	39.40
68.00	0.1655E+010.4756E-01		145.20	0.3384E+03	2.15	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	42.49
70.00	0.1898E+010.4796E-01		149.97	0.3019E+03	2.32	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	46.04
72.00	0.2162E+010.4814E-01		155.31	0.2672E+03	2.50	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	50.10
74.00	0.2459E+010.4823E-01		161.39	0.2352E+03	2.71	2.10	0.05	0.00	0.2515E+07	0.5153E+05	1999.00	54.72
76.00	0.2755E+010.4718E-01		168.80	0.2068E+03	2.89	2.21	0.34	0.00	0.2341E+07	0.5413E+05	2100.00	59.94
78.00	0.3072E+010.4646E-01		176.52	0.1812E+03	3.10	2.32	0.16	0.00	0.2152E+07	0.5681E+05	2206.00	65.76
80.00	0.3381E+010.4479E-01		185.90	0.1581E+03	3.29	2.42	-0.05	0.00	0.1941E+07	0.5957E+05	2313.00	72.22
82.00	0.3668E+010.4302E-01		195.67	0.1377E+03	3.49	2.53	0.12	0.00	0.1755E+07	0.6241E+05	2423.00	79.27
84.00	0.3895E+010.4050E-01		206.56	0.1204E+03	3.63	2.64	-0.34	0.00	0.1574E+07	0.6532E+05	2539.00	86.83
86.00	0.4016E+010.3723E-01		218.26	0.1055E+03	3.69	2.75	-0.89	0.00	0.1402E+07	0.6831E+05	2656.00	94.74
88.00	0.4152E+010.3448E-01		230.83	0.9136E+02	3.81	2.87	-1.16	0.00	0.1244E+07	0.7139E+05	2777.00	102.91
90.00	0.4333E+010.3241E-01		244.08	0.7869E+02	4.01	2.98	-1.13	0.00	0.1100E+07	0.7454E+05	2901.00	111.39
92.00	0.4287E+010.2906E-01		257.94	0.6762E+02	4.04	3.10	-1.07	0.00	0.9720E+06	0.7777E+05	3025.00	120.01
94.00	0.4199E+010.2588E-01		272.68	0.5802E+02	4.05	3.22	-0.96	0.00	0.8583E+06	0.8108E+05	3154.00	128.50
96.00	0.4050E+010.2276E-01		288.35	0.4978E+02	4.02	3.35	-0.98	0.00	0.7572E+06	0.8446E+05	3286.00	136.75

SUMMARY TABLE FOR BODY POINT 64
XB=1733.3 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1813E+000.1339E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.91
15.00	0.3043E+000.2086E-01		124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.12
20.00	0.4272E+000.2699E-01		126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.95
25.00	0.5434E+000.3189E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.38
30.00	0.6564E+000.3556E-01		128.86	0.1500E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.38
35.00	0.6974E+000.3663E-01		129.44	0.1304E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.76
40.00	0.7340E+000.3681E-01		130.34	0.1130E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	16.34
45.00	0.7627E+000.3749E-01		130.74	0.9776E+03	1.04	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	20.08
50.00	0.8510E+000.4298E-01		130.20	0.8182E+03	1.27	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	24.11
55.00	0.9812E+000.4864E-01		130.57	0.6653E+03	1.57	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	28.69
60.00	0.1224E+010.5523E-01		132.55	0.5198E+03	1.99	1.46	-2.28	0.00	0.3496E+07	0.3556E+05	1435.00	34.21
62.00	0.1406E+010.5823E-01		134.54	0.4638E+03	2.21	1.53	-1.85	0.00	0.3395E+07	0.3763E+05	1497.00	36.84
64.00	0.1665E+010.6185E-01		137.32	0.4239E+03	2.47	1.62	-1.43	0.00	0.3282E+07	0.3975E+05	1569.00	39.91
66.00	0.2002E+010.6541E-01		141.00	0.3804E+03	2.77	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	43.57
68.00	0.2396E+010.6884E-01		145.20	0.3394E+03	3.11	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	47.97
70.00	0.2838E+010.7172E-01		149.97	0.3019E+03	3.46	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	53.20
72.00	0.3339E+010.7436E-01		155.31	0.2672E+03	3.87	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	59.38
74.00	0.3925E+010.7697E-01		161.39	0.2352E+03	4.33	2.10	0.05	0.00	0.2515E+07	0.5153E+05	1999.00	66.65
76.00	0.4543E+010.7779E-01		168.80	0.2068E+03	4.76	2.21	0.34	0.00	0.2341E+07	0.5413E+05	2100.00	75.11
78.00	0.5224E+010.7902E-01		176.52	0.1812E+03	5.27	2.32	0.16	0.00	0.2152E+07	0.5681E+05	2206.00	84.88
80.00	0.5912E+010.7830E-01		185.90	0.1581E+03	5.75	2.42	-0.05	0.00	0.1941E+07	0.5957E+05	2313.00	96.02
82.00	0.6591E+010.7730E-01		195.67	0.1377E+03	6.27	2.53	0.12	0.00	0.1755E+07	0.6241E+05	2423.00	108.52
84.00	0.7191E+010.7478E-01		206.56	0.1204E+03	6.70	2.64	-0.34	0.00	0.1574E+07	0.6532E+05	2539.00	122.30
86.00	0.7609E+010.7055E-01		218.26	0.1055E+03	6.98	2.75	-0.89	0.00	0.1402E+07	0.6831E+05	2656.00	137.10
88.00	0.8072E+010.6703E-01		230.83	0.9136E+02	7.40	2.87	-1.16	0.00	0.1244E+07	0.7139E+05	2777.00	152.78
90.00	0.8633E+010.6458E-01		244.08	0.7869E+02	7.99	2.98	-1.13	0.00	0.1100E+07	0.7454E+05	2901.00	169.49
92.00	0.8574E+010.5811E-01		257.94	0.6762E+02	8.08	3.10	-1.07	0.00	0.9720E+06	0.7777E+05	3025.00	186.70
94.00	0.8398E+010.5175E-01		272.68	0.5802E+02	8.10	3.22	-0.96	0.00	0.8583E+06	0.8108E+05	3154.00	203.67
96.00	0.8100E+010.4552E-01		288.35	0.4978E+02	8.05	3.35	-0.98	0.00	0.7572E+06	0.8446E+05	3286.00	220.17

SUMMARY TABLE FOR BODY POINT 65
XB=1733.3 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1813E+000.1339E-01	123.94	0.1813E+000.1339E-01	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.91
15.00	0.3043E+000.2086E-01	124.99	0.3043E+000.2086E-01	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.12
20.00	0.4272E+000.2699E-01	126.23	0.4272E+000.2699E-01	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4256E+04	429.50	3.95
25.00	0.5434E+000.3189E-01	127.44	0.5434E+000.3189E-01	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.38
30.00	0.6564E+000.3556E-01	128.86	0.6564E+000.3556E-01	0.1500E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.38
35.00	0.6974E+000.3663E-01	129.44	0.6974E+000.3663E-01	0.1304E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.76
40.00	0.7340E+000.3681E-01	130.34	0.7340E+000.3681E-01	0.1130E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	16.34
45.00	0.7523E+000.3698E-01	130.74	0.7523E+000.3698E-01	0.9776E+03	1.02	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	20.05
50.00	0.7792E+000.3935E-01	130.20	0.7792E+000.3935E-01	0.8182E+03	1.17	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	23.88
55.00	0.8339E+000.4134E-01	130.57	0.8339E+000.4134E-01	0.6653E+03	1.33	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	27.92
60.00	0.9633E+000.4348E-01	132.55	0.9633E+000.4348E-01	0.5198E+03	1.57	1.46	-2.28	0.00	0.3496E+07	0.3556E+05	1435.00	32.41
62.00	0.1229E+010.4443E-01	134.54	0.1229E+010.4443E-01	0.4698E+03	1.68	1.53	-1.85	0.00	0.3395E+07	0.3763E+05	1497.00	34.44
64.00	0.1429E+010.4566E-01	137.32	0.1429E+010.4566E-01	0.4239E+03	1.82	1.62	-1.43	0.00	0.3282E+07	0.3975E+05	1569.00	36.75
66.00	0.1429E+010.4670E-01	141.00	0.1429E+010.4670E-01	0.3804E+03	1.98	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	39.40
68.00	0.1655E+010.4756E-01	145.20	0.1655E+010.4756E-01	0.3394E+03	2.15	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	42.49
70.00	0.1898E+010.4796E-01	149.97	0.1898E+010.4796E-01	0.3019E+03	2.32	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	46.04
72.00	0.2162E+010.4814E-01	155.31	0.2162E+010.4814E-01	0.2672E+03	2.50	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	50.10
74.00	0.2459E+010.4823E-01	161.39	0.2459E+010.4823E-01	0.2352E+03	2.71	2.10	0.05	0.00	0.2515E+07	0.5153E+05	1999.00	54.72
76.00	0.2755E+010.4718E-01	168.80	0.2755E+010.4718E-01	0.2068E+03	2.89	2.21	0.34	0.00	0.2341E+07	0.5413E+05	2100.00	59.94
78.00	0.3072E+010.4646E-01	176.52	0.3072E+010.4646E-01	0.1812E+03	3.10	2.32	0.16	0.00	0.2152E+07	0.5681E+05	2206.00	65.76
80.00	0.3381E+010.4479E-01	185.90	0.3381E+010.4479E-01	0.1581E+03	3.29	2.42	-0.05	0.00	0.1941E+07	0.5957E+05	2313.00	72.22
82.00	0.3668E+010.4302E-01	195.67	0.3668E+010.4302E-01	0.1377E+03	3.49	2.53	0.12	0.00	0.1755E+07	0.6241E+05	2423.00	79.27
84.00	0.3895E+010.4050E-01	206.56	0.3895E+010.4050E-01	0.1204E+03	3.63	2.64	-0.34	0.00	0.1574E+07	0.6532E+05	2539.00	86.83
86.00	0.4016E+010.3723E-01	218.26	0.4016E+010.3723E-01	0.1055E+03	3.69	2.75	-0.89	0.00	0.1402E+07	0.6831E+05	2656.00	94.74
88.00	0.4152E+010.3448E-01	230.83	0.4152E+010.3448E-01	0.9136E+02	3.81	2.87	-1.16	0.00	0.1244E+07	0.7139E+05	2777.00	102.91
90.00	0.4333E+010.3241E-01	244.08	0.4333E+010.3241E-01	0.7869E+02	4.01	2.98	-1.13	0.00	0.1100E+07	0.7454E+05	2901.00	111.39
92.00	0.4287E+010.2906E-01	257.94	0.4287E+010.2906E-01	0.6762E+02	4.04	3.10	-1.07	0.00	0.09720E+06	0.7777E+05	3025.00	120.01
94.00	0.4199E+010.2588E-01	272.68	0.4199E+010.2588E-01	0.5802E+02	4.05	3.22	-0.96	0.00	0.08583E+06	0.8108E+05	3154.00	128.50
96.00	0.4050E+010.2276E-01	288.35	0.4050E+010.2276E-01	0.4978E+02	4.02	3.35	-0.98	0.00	0.07572E+06	0.8446E+05	3286.00	136.75

SUMMARY TABLE FOR BODY POINT 66
XB=1838.0 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1915E+000.1266E-01		125.52	0.2026E+04	1.00	0.16	-1.42	0.58	0.1126E+07	0.1350E+04	183.10	0.96
15.00	0.3042E+000.2022E-01		125.44	0.1925E+04	1.00	0.27	-0.47	3.23	0.1788E+07	0.2823E+04	306.30	2.20
20.00	0.4181E+000.2639E-01		126.24	0.1828E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.00
25.00	0.5699E+000.3083E-01		128.89	0.1667E+04	1.00	0.51	-1.98	4.75	0.2933E+07	0.6939E+04	569.50	6.47
30.00	0.6993E+000.3451E-01		130.67	0.1521E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.65
35.00	0.7455E+000.3576E-01		131.25	0.1332E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	13.26
40.00	0.7846E+000.3620E-01		132.07	0.1163E+04	1.00	0.90	-2.96	2.02	0.3827E+07	0.1702E+05	965.30	17.08
45.00	0.7972E+000.3638E-01		132.32	0.9986E+03	1.03	1.02	-2.94	-1.87	0.3821E+07	0.2131E+05	1073.00	21.04
50.00	0.8857E+000.4059E-01		132.22	0.9429E+03	1.20	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	25.24
55.00	0.9911E+000.4450E-01		132.67	0.7702E+03	1.39	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	29.94
60.00	0.1148E+010.4792E-01		134.37	0.6294E+03	1.62	1.46	-3.03	-2.06	0.3496E+07	0.3556E+05	1435.00	35.29
62.00	0.1252E+010.4907E-01		135.92	0.5749E+03	1.72	1.53	-2.73	-1.90	0.3395E+07	0.3763E+05	1497.00	37.69
64.00	0.1413E+010.5077E-01		138.23	0.5211E+03	1.86	1.62	-1.97	-1.82	0.3282E+07	0.3975E+05	1569.00	40.35
66.00	0.1631E+010.5242E-01		141.52	0.4682E+03	2.03	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	43.39
68.00	0.1880E+010.5342E-01		145.60	0.4223E+03	2.18	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	46.91
70.00	0.2180E+010.5459E-01		150.34	0.3806E+03	2.37	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	50.97
72.00	0.2524E+010.5567E-01		155.73	0.3418E+03	2.58	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	55.67
74.00	0.2951E+010.5716E-01		162.02	0.3052E+03	2.84	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	61.14
76.00	0.3442E+010.5843E-01		169.31	0.2751E+03	3.12	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	67.54
78.00	0.4010E+010.5993E-01		177.24	0.2443E+03	3.45	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	74.99
80.00	0.4759E+010.6241E-01		186.66	0.2171E+03	3.92	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	83.76
82.00	0.5125E+010.5956E-01		196.46	0.1934E+03	4.08	2.53	-0.17	-3.46	0.1755E+07	0.6241E+05	2423.00	93.64
84.00	0.5445E+010.5614E-01		207.38	0.1716E+03	4.21	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	104.21
86.00	0.5667E+010.5216E-01		219.05	0.1531E+03	4.28	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	115.32
88.00	0.5994E+010.4942E-01		231.69	0.1345E+03	4.49	2.87	-1.16	-2.56	0.1244E+07	0.7139E+05	2777.00	126.99
90.00	0.6352E+010.4716E-01		245.10	0.1186E+03	4.74	2.98	-1.13	-2.55	0.1100E+07	0.7454E+05	2901.00	139.33
92.00	0.6472E+010.4352E-01		259.13	0.1043E+02	4.86	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	152.16
94.00	0.6619E+010.4045E-01		274.04	0.9164E+02	5.04	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	165.25
96.00	0.6686E+010.3724E-01		289.91	0.8042E+02	5.18	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	178.55

SUMMARY TABLE FOR BODY POINT 67
XB=1637.5 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1829E+000.1351E-01	0.2027E+04	123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	0.91
15.00	0.3070E+000.2105E-01	0.1921E+04	124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.14
20.00	0.4308E+000.2722E-01	0.1821E+04	126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	3.98
25.00	0.5481E+000.3216E-01	0.1653E+04	127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	6.43
30.00	0.6623E+000.3589E-01	0.1498E+04	128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	9.46
35.00	0.7033E+000.3694E-01	0.1302E+04	129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	12.87
40.00	0.7400E+000.3712E-01	0.1128E+04	130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	16.48
45.00	0.7396E+000.3647E-01	0.9584E+03	130.68	0.9584E+03	1.01	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	20.18
50.00	0.7140E+000.3552E-01	0.7859E+03	130.50	0.7859E+03	1.05	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	23.81
55.00	0.6916E+000.3381E-01	0.6387E+03	130.86	0.6387E+03	1.10	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	27.33
60.00	0.7007E+000.3129E-01	0.5094E+03	132.80	0.5094E+03	1.13	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	30.81
62.00	0.7298E+000.2999E-01	0.4624E+03	134.74	0.4624E+03	1.14	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	32.24
64.00	0.7761E+000.2888E-01	0.4179E+03	137.27	0.4179E+03	1.15	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	33.74
66.00	0.8372E+000.2739E-01	0.40.96	140.96	0.3759E+03	1.16	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	35.36
68.00	0.9014E+000.2592E-01	0.3367E+03	145.18	0.3367E+03	1.16	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	37.09
70.00	0.9590E+000.2424E-01	0.3001E+03	149.95	0.3001E+03	1.17	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	38.96
72.00	0.1005E+010.2239E-01	0.2663E+03	155.30	0.2663E+03	1.15	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	40.92
74.00	0.1053E+010.2055E-01	0.2352E+03	161.39	0.2352E+03	1.15	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	42.98
76.00	0.1104E+010.1891E-01	0.2068E+03	168.80	0.2068E+03	1.15	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	45.14
78.00	0.1135E+010.1717E-01	0.1812E+03	176.52	0.1812E+03	1.13	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	47.37
80.00	0.1143E+010.1514E-01	0.1580E+03	185.90	0.1580E+03	1.10	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	49.65
82.00	0.1164E+010.1365E-01	0.1377E+03	195.67	0.1377E+03	1.10	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	51.96
84.00	0.1236E+010.1285E-01	0.1195E+03	206.54	0.1195E+03	1.15	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	54.36
86.00	0.1311E+010.1217E-01	0.1034E+03	218.18	0.1034E+03	1.21	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	56.91
88.00	0.1374E+010.1142E-01	0.8905E+02	230.71	0.8905E+02	1.27	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	59.59
90.00	0.1376E+010.1030E-01	0.7657E+02	243.95	0.7657E+02	1.29	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	62.34
92.00	0.1364E+010.9256E-02	0.6573E+02	257.80	0.6573E+02	1.30	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	65.08
94.00	0.1346E+010.8300E-02	0.5651E+02	272.54	0.5651E+02	1.31	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	67.79
96.00	0.1314E+010.7393E-02	0.4834E+02	288.20	0.4834E+02	1.32	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	70.45

SUMMARY TABLE FOR BODY POINT 68
XB=1714.3 THETAB= 180.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1816E+000.1341E-01		123.94	0.2027E+04	1.00	0.16	-0.27	0.58	0.1126E+07	0.1350E+04	183.10	0.91
15.00	0.3048E+000.2090E-01		124.99	0.1921E+04	1.00	0.27	-0.01	3.23	0.1788E+07	0.2823E+04	306.30	3.12
20.00	0.4278E+000.2703E-01		126.23	0.1821E+04	1.00	0.39	0.48	-2.94	0.2391E+07	0.4296E+04	429.50	3.96
25.00	0.5443E+000.3194E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.39
30.00	0.6577E+000.3564E-01		128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.39
35.00	0.6984E+000.3669E-01		129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.78
40.00	0.7349E+000.3688E-01		130.33	0.1127E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	16.36
45.00	0.7259E+000.3586E-01		130.64	0.9490E+03	1.00	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	20.02
50.00	0.6646E+000.3306E-01		130.50	0.7859E+03	0.99	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	23.49
55.00	0.6145E+000.3004E-01		130.86	0.6387E+03	0.98	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	26.69
60.00	0.5991E+000.2675E-01		132.80	0.5094E+03	0.97	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	29.72
62.00	0.6134E+000.2520E-01		134.74	0.4624E+03	0.96	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	30.94
64.00	0.6390E+000.2378E-01		137.27	0.4179E+03	0.96	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	32.19
66.00	0.6844E+000.2239E-01		140.96	0.3759E+03	0.95	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	33.51
68.00	0.7289E+000.2096E-01		145.18	0.3367E+03	0.95	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	34.93
70.00	0.7798E+000.1971E-01		149.95	0.3001E+03	0.95	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	36.43
72.00	0.8310E+000.1851E-01		153.30	0.2663E+03	0.96	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	38.05
74.00	0.8949E+000.1755E-01		161.39	0.2354E+03	0.99	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	39.77
76.00	0.9651E+000.1653E-01		168.80	0.2068E+03	1.01	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	41.63
78.00	0.1045E+010.1580E-01		176.53	0.1816E+03	1.05	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	43.64
80.00	0.1151E+010.1525E-01		185.90	0.1580E+03	1.12	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	45.84
82.00	0.1257E+010.1474E-01		195.68	0.1381E+03	1.19	2.53	0.12	-3.46	0.1755E+07	0.6241E+05	2423.00	48.25
84.00	0.1373E+010.1428E-01		206.54	0.1195E+03	1.28	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	50.88
86.00	0.1474E+010.1367E-01		218.18	0.1034E+03	1.37	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	53.72
88.00	0.1563E+010.1299E-01		230.71	0.8905E+02	1.45	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	56.76
90.00	0.1567E+010.1173E-01		243.95	0.7657E+02	1.47	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	59.89
92.00	0.1616E+010.1096E-01		257.80	0.6573E+02	1.55	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	63.07
94.00	0.1688E+010.1041E-01		272.54	0.5651E+02	1.66	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	66.38
96.00	0.1733E+010.9747E-02		288.20	0.4834E+02	1.75	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	69.80

SUMMARY TABLE FOR BODY POINT 69
XB=1838.0 THETAB= 180.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1777E+000.1300E-01	0.1777E+000.1300E-01	124.07	0.2028E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.89
15.00	0.3174E+000.1997E-01	0.3174E+000.1997E-01	126.29	0.1924E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2822E+04	306.30	2.13
20.00	0.4641E+000.2571E-01	0.4641E+000.2571E-01	128.45	0.1829E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.08
25.00	0.5335E+000.3126E-01	0.5335E+000.3126E-01	127.47	0.1664E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.57
30.00	0.6469E+000.3498E-01	0.6469E+000.3498E-01	128.89	0.1515E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.52
35.00	0.6899E+000.3613E-01	0.6899E+000.3613E-01	129.49	0.1323E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1305E+05	837.30	12.87
40.00	0.7298E+000.3647E-01	0.7298E+000.3647E-01	130.41	0.1154E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	16.42
45.00	0.7421E+000.3652E-01	0.7421E+000.3652E-01	130.72	0.9836E+03	1.01	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	20.10
50.00	0.7663E+000.3739E-01	0.7663E+000.3739E-01	130.90	0.9096E+03	1.09	1.15	-4.41	2.02	0.3759E+07	0.2584E+05	1183.00	23.87
55.00	0.7811E+000.3749E-01	0.7811E+000.3749E-01	131.23	0.7405E+03	1.18	1.29	-4.15	2.12	0.3657E+07	0.3059E+05	1301.00	27.74
60.00	0.8282E+000.3632E-01	0.8282E+000.3632E-01	133.20	0.6006E+03	1.25	1.46	-3.78	2.06	0.3496E+07	0.3556E+05	1435.00	31.76
64.00	0.9444E+000.3456E-01	0.9444E+000.3456E-01	137.73	0.5026E+03	1.29	1.62	-3.57	1.82	0.3282E+07	0.3975E+05	1569.00	35.28
66.00	0.1039E+010.3345E-01	0.1039E+010.3345E-01	141.44	0.4580E+03	1.31	1.71	-3.35	1.80	0.3151E+07	0.4195E+05	1647.00	37.26
68.00	0.1140E+010.3230E-01	0.1140E+010.3230E-01	145.69	0.4159E+03	1.33	1.80	-3.23	1.78	0.3003E+07	0.4423E+05	1729.00	39.44
70.00	0.1242E+010.3097E-01	0.1242E+010.3097E-01	150.50	0.3763E+03	1.35	1.89	-3.01	1.86	0.2845E+07	0.4658E+05	1814.00	41.82
72.00	0.1333E+010.2929E-01	0.1333E+010.2929E-01	155.89	0.3394E+03	1.36	1.99	-2.69	1.94	0.2681E+07	0.4902E+05	1904.00	44.40
74.00	0.1430E+010.2771E-01	0.1430E+010.2771E-01	162.02	0.3052E+03	1.38	2.10	-2.41	2.12	0.2515E+07	0.5153E+05	1999.00	47.16
76.00	0.1525E+010.2581E-01	0.1525E+010.2581E-01	169.50	0.2731E+03	1.38	2.21	-2.14	2.34	0.2341E+07	0.5413E+05	2100.00	50.11
78.00	0.1579E+010.2362E-01	0.1579E+010.2362E-01	177.24	0.2443E+03	1.36	2.32	-1.73	2.61	0.2152E+07	0.5681E+05	2206.00	53.22
80.00	0.1513E+010.1983E-01	0.1513E+010.1983E-01	186.68	0.2169E+03	1.25	2.42	-1.04	3.01	0.1941E+07	0.5957E+05	2313.00	56.31
82.00	0.1525E+010.1774E-01	0.1525E+010.1774E-01	196.39	0.1944E+03	1.21	2.53	0.41	0.00	0.1755E+07	0.6241E+05	2423.00	59.35
84.00	0.1612E+010.1661E-01	0.1612E+010.1661E-01	207.44	0.1703E+03	1.25	2.64	-0.98	3.98	0.1574E+07	0.6532E+05	2539.00	62.49
86.00	0.1751E+010.1610E-01	0.1751E+010.1610E-01	219.16	0.1501E+03	1.34	2.75	-1.27	4.60	0.1402E+07	0.6831E+05	2656.00	65.85
88.00	0.1887E+010.1555E-01	0.1887E+010.1555E-01	231.74	0.1316E+03	1.43	2.87	-1.57	5.13	0.1244E+07	0.7139E+05	2777.00	69.49
90.00	0.1932E+010.1435E-01	0.1932E+010.1435E-01	245.03	0.1160E+03	1.46	2.98	-1.62	5.10	0.1100E+07	0.7454E+05	2901.00	73.30
92.00	0.2199E+010.1480E-01	0.2199E+010.1480E-01	258.96	0.1021E+03	1.68	3.10	-1.64	2.50	0.9720E+06	0.7777E+05	3025.00	77.44
94.00	0.2640E+010.1616E-01	0.2640E+010.1616E-01	273.77	0.8996E+02	2.04	3.22	-1.63	0.00	0.8583E+06	0.8108E+05	3154.00	82.28
96.00	0.3349E+010.1870E-01	0.3349E+010.1870E-01	289.51	0.7890E+02	2.64	3.35	-1.62	0.00	0.7572E+06	0.8446E+05	3286.00	88.26

SUMMARY TABLE FOR BODY POINT 1013
XB=1714.3 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1816E+000.1341E-01	0.2027E+04	123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.91
15.00	0.3048E+000.2090E-01	0.1921E+04	124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.12
20.00	0.4279E+000.2703E-01	0.1862E+04	126.23	0.1862E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.96
25.00	0.5443E+000.3194E-01	0.1653E+04	127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.39
30.00	0.6574E+000.3561E-01	0.1500E+04	128.86	0.1500E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.39
35.00	0.6984E+000.3668E-01	0.1304E+04	129.44	0.1304E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.78
40.00	0.7351E+000.3687E-01	0.1130E+04	130.34	0.1130E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	16.36
45.00	0.7431E+000.3653E-01	0.9776E+03	130.74	0.9776E+03	1.01	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	20.06
50.00	0.7145E+000.3609E-01	0.8182E+03	130.20	0.8182E+03	1.07	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	23.70
55.00	0.7098E+000.3519E-01	0.6653E+03	130.57	0.6653E+03	1.13	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	27.26
60.00	0.7595E+000.3428E-01	0.5198E+03	132.55	0.5198E+03	1.23	1.46	-2.28	0.00	0.3496E+07	0.3556E+05	1435.00	30.94
62.00	0.8198E+000.3396E-01	0.4698E+03	134.54	0.4698E+03	1.29	1.53	-1.85	0.00	0.3395E+07	0.3763E+05	1497.00	32.52
64.00	0.9085E+000.3375E-01	0.4233E+03	137.32	0.4233E+03	1.35	1.62	-1.43	0.00	0.3282E+07	0.3975E+05	1569.00	34.25
66.00	0.1022E+010.3339E-01	0.3804E+03	141.00	0.3804E+03	1.41	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	36.18
68.00	0.1145E+010.3291E-01	0.3394E+03	145.20	0.3394E+03	1.48	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	38.34
70.00	0.1271E+010.3213E-01	0.3019E+03	149.97	0.3019E+03	1.55	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	40.76
72.00	0.1402E+010.3121E-01	0.2672E+03	155.31	0.2672E+03	1.62	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	43.43
74.00	0.1543E+010.3027E-01	0.2352E+03	161.39	0.2352E+03	1.70	2.10	0.05	0.00	0.2515E+07	0.5153E+05	1999.00	46.38
76.00	0.1674E+010.2866E-01	0.2068E+03	168.80	0.2068E+03	1.75	2.21	0.34	0.00	0.2341E+07	0.5413E+05	2100.00	49.59
78.00	0.1809E+010.2737E-01	0.1812E+03	176.52	0.1812E+03	1.82	2.32	0.16	0.00	0.2152E+07	0.5681E+05	2206.00	53.08
80.00	0.1937E+010.2566E-01	0.1581E+03	185.90	0.1581E+03	1.88	2.42	-0.05	0.00	0.1941E+07	0.5957E+05	2313.00	56.82
82.00	0.2044E+010.2398E-01	0.1377E+03	195.67	0.1377E+03	1.94	2.53	0.12	0.00	0.1755E+07	0.6241E+05	2423.00	60.81
84.00	0.2113E+010.2197E-01	0.1204E+03	206.56	0.1204E+03	1.97	2.64	-0.34	0.00	0.1574E+07	0.6532E+05	2539.00	64.96
86.00	0.2123E+010.1968E-01	0.1055E+03	218.26	0.1055E+03	1.95	2.75	-0.89	0.00	0.1402E+07	0.6831E+05	2656.00	69.20
88.00	0.2139E+010.1776E-01	0.9136E+02	230.83	0.9136E+02	1.96	2.87	-1.16	0.00	0.1244E+07	0.7139E+05	2777.00	73.46
90.00	0.2178E+010.1630E-01	0.7869E+02	244.08	0.7869E+02	2.01	2.98	-1.13	0.00	0.1100E+07	0.7454E+05	2901.00	77.78
92.00	0.2147E+010.1455E-01	0.6762E+02	257.94	0.6762E+02	2.02	3.10	-1.07	0.00	0.9720E+06	0.7777E+05	3025.00	82.10
94.00	0.2103E+010.1296E-01	0.5802E+02	272.68	0.5802E+02	2.03	3.22	-0.96	0.00	0.8583E+06	0.8108E+05	3154.00	86.35
96.00	0.2028E+010.1140E-01	0.4978E+02	288.35	0.4978E+02	2.01	3.35	-0.98	0.00	0.7572E+06	0.8446E+05	3286.00	90.48

SUMMARY TABLE FOR BODY POINT 1015
XB=1825.1 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1799E+000.1328E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.90
15.00	0.3020E+000.2070E-01		124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2833E+04	306.30	2.10
20.00	0.4240E+000.2679E-01		126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.92
25.00	0.5395E+000.3166E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.33
30.00	0.6516E+000.3530E-01		128.86	0.1500E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.31
35.00	0.6523E+000.3636E-01		129.44	0.1304E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.67
40.00	0.7286E+000.3655E-01		130.34	0.1130E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	16.22
45.00	0.7359E+000.3617E-01		130.74	0.9776E+03	1.01	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	19.88
50.00	0.7053E+000.3562E-01		130.20	0.8182E+03	1.06	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	23.48
55.00	0.6997E+000.3469E-01		130.57	0.6653E+03	1.12	1.29	-4.15	-2.12	0.3657E+07	0.3055E+05	1301.00	26.99
60.00	0.7370E+000.3327E-01		132.55	0.5198E+03	1.21	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	30.59
62.00	0.7820E+000.3239E-01		134.54	0.4698E+03	1.24	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	32.11
64.00	0.8525E+000.3167E-01		137.32	0.4239E+03	1.27	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	33.74
66.00	0.9446E+000.3087E-01		141.00	0.3804E+03	1.32	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	35.54
68.00	0.1041E+010.2992E-01		145.20	0.3394E+03	1.36	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	37.52
70.00	0.1143E+010.2889E-01		149.97	0.3019E+03	1.41	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	39.71
72.00	0.1246E+010.2775E-01		155.31	0.2672E+03	1.45	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	42.10
74.00	0.1361E+010.2669E-01		161.39	0.2352E+03	1.51	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	44.70
76.00	0.1508E+010.2582E-01		168.80	0.2068E+03	1.59	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	47.57
78.00	0.1673E+010.2531E-01		176.52	0.1812E+03	1.70	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2206.00	50.76
80.00	0.1825E+010.2417E-01		185.90	0.1580E+03	1.79	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	54.25
82.00	0.1890E+010.2217E-01		195.67	0.1377E+03	1.81	2.53	0.41	-3.46	0.1755E+07	0.6241E+05	2423.00	57.97
84.00	0.1997E+010.2076E-01		206.61	0.1220E+03	1.86	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	61.86
86.00	0.2163E+010.2005E-01		218.30	0.1064E+03	1.99	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	66.02
88.00	0.2315E+010.1922E-01		230.88	0.9218E+02	2.13	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	70.49
90.00	0.2362E+010.1766E-01		244.13	0.7962E+02	2.18	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	75.17
92.00	0.2318E+010.1571E-01		258.01	0.6862E+02	2.18	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	79.85
94.00	0.2260E+010.1392E-01		272.77	0.5910E+02	2.17	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	84.43
96.00	0.2188E+010.1229E-01		288.45	0.5072E+02	2.16	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	88.88

SUMMARY TABLE FOR BODY POINT 1059
XB=1714.3 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1816E+000.1341E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	0.91
15.00	0.3048E+000.2090E-01		124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.12
20.00	0.4279E+000.2703E-01		126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	3.96
25.00	0.5443E+000.3194E-01		127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	6.39
30.00	0.6577E+000.3564E-01		128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	9.39
35.00	0.6984E+000.3668E-01		129.44	0.1303E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.78
40.00	0.7349E+000.3687E-01		130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	16.37
45.00	0.7234E+000.3568E-01		130.68	0.9584E+03	0.99	1.02	-2.61	1.87	0.3821E+07	0.2131E+05	1073.00	20.01
50.00	0.6428E+000.3197E-01		130.50	0.7859E+03	0.96	1.15	-2.76	0.00	0.3759E+07	0.2584E+05	1183.00	23.43
55.00	0.5761E+000.2816E-01		130.86	0.6387E+03	0.92	1.29	-2.82	0.00	0.3657E+07	0.3059E+05	1301.00	26.47
60.00	0.5444E+000.2431E-01		132.80	0.5094E+03	0.88	1.46	-2.28	0.00	0.3496E+07	0.3556E+05	1435.00	29.27
62.00	0.5541E+000.2277E-01		134.74	0.4624E+03	0.87	1.53	-2.73	0.00	0.3395E+07	0.3763E+05	1497.00	30.37
64.00	0.5719E+000.2128E-01		137.27	0.4179E+03	0.86	1.62	-3.04	0.00	0.3282E+07	0.3975E+05	1569.00	31.50
66.00	0.6042E+000.1977E-01		140.96	0.3759E+03	0.84	1.71	-3.35	0.00	0.3151E+07	0.4195E+05	1647.00	32.68
68.00	0.6353E+000.1827E-01		145.18	0.3367E+03	0.83	1.80	-3.23	0.00	0.3003E+07	0.4423E+05	1729.00	33.91
70.00	0.6665E+000.1685E-01		149.95	0.3001E+03	0.82	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	35.22
72.00	0.6949E+000.1548E-01		155.30	0.2663E+03	0.81	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	36.58
74.00	0.7227E+000.1417E-01		161.39	0.2352E+03	0.80	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	38.00
76.00	0.7453E+000.1276E-01		168.80	0.2068E+03	0.78	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	39.46
78.00	0.7673E+000.1160E-01		176.52	0.1812E+03	0.77	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	40.98
80.00	0.7880E+000.1044E-01		185.90	0.1580E+03	0.77	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	42.53
82.00	0.7954E+000.9329E-02		195.67	0.1377E+03	0.76	2.53	0.12	-3.46	0.1755E+07	0.6241E+05	2423.00	44.11
84.00	0.7878E+000.8195E-02		206.54	0.1195E+03	0.74	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	45.70
86.00	0.7744E+000.7185E-02		218.18	0.1034E+03	0.72	2.75	-1.27	0.00	0.1402E+07	0.6831E+05	2656.00	47.26
88.00	0.7632E+000.6344E-02		230.71	0.8905E+02	0.71	2.87	-1.57	0.00	0.1244E+07	0.7139E+05	2777.00	48.80
90.00	0.7456E+000.5583E-02		243.95	0.7657E+02	0.70	2.98	-1.49	0.00	0.1100E+07	0.7454E+05	2901.00	50.31
92.00	0.7366E+000.4997E-02		257.80	0.6573E+02	0.71	3.10	-1.07	0.00	0.9720E+06	0.7777E+05	3025.00	51.79
94.00	0.7289E+000.4496E-02		272.54	0.5651E+02	0.71	3.22	-0.96	0.00	0.8583E+06	0.8108E+05	3154.00	53.25
96.00	0.7142E+000.4017E-02		288.20	0.4834E+02	0.72	3.35	-0.98	0.00	0.7572E+06	0.8446E+05	3286.00	54.70

SUMMARY TABLE FOR BODY POINT 1060
XB=1800.8 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1803E+000.1331E-01	0.2027E+04	123.94	0.2027E+04	1.00	0.16	0.11	0.00	0.1126E+07	0.1350E+04	183.10	0.90
15.00	0.3026E+000.2075E-01	0.1921E+04	124.99	0.1921E+04	1.00	0.27	1.36	0.00	0.1788E+07	0.2823E+04	306.30	2.11
20.00	0.4249E+000.2684E-01	0.1821E+04	126.23	0.1821E+04	1.00	0.39	2.61	0.00	0.2391E+07	0.4296E+04	429.50	3.93
25.00	0.5406E+000.3172E-01	0.1653E+04	127.44	0.1653E+04	1.00	0.51	-0.32	0.00	0.2933E+07	0.6939E+04	569.50	6.34
30.00	0.6532E+000.3540E-01	0.1498E+04	128.85	0.1498E+04	1.00	0.65	-3.24	0.00	0.3401E+07	0.9582E+04	709.40	9.33
35.00	0.6937E+000.3644E-01	0.1302E+04	129.44	0.1302E+04	1.00	0.77	-3.02	0.00	0.3647E+07	0.1330E+05	837.30	12.69
40.00	0.7299E+000.3662E-01	0.1128E+04	130.33	0.1128E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	16.25
45.00	0.7198E+000.3550E-01	0.9584E+03	130.68	0.9584E+03	0.99	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	19.88
50.00	0.6432E+000.3200E-01	0.7859E+03	130.50	0.7859E+03	0.96	1.15	-4.41	0.00	0.3759E+07	0.2584E+05	1183.00	23.28
55.00	0.5799E+000.2835E-01	0.6387E+03	130.86	0.6387E+03	0.93	1.29	-4.15	0.00	0.3657E+07	0.3059E+05	1301.00	26.34
60.00	0.5505E+000.2458E-01	0.5094E+03	132.80	0.5094E+03	0.90	1.46	-3.78	0.00	0.3496E+07	0.3556E+05	1435.00	29.17
62.00	0.5611E+000.2305E-01	0.4624E+03	134.74	0.4624E+03	0.89	1.53	-3.61	0.00	0.3395E+07	0.3763E+05	1497.00	30.28
64.00	0.5804E+000.2160E-01	0.4179E+03	137.27	0.4179E+03	0.87	1.62	-3.57	0.00	0.3282E+07	0.3975E+05	1569.00	31.42
66.00	0.6138E+000.2008E-01	0.3759E+03	140.96	0.3759E+03	0.86	1.71	-3.35	0.00	0.3151E+07	0.4195E+05	1647.00	32.61
68.00	0.6463E+000.1858E-01	0.3367E+03	145.18	0.3367E+03	0.85	1.80	-3.23	0.00	0.3003E+07	0.4423E+05	1729.00	33.87
70.00	0.6760E+000.1709E-01	0.3001E+03	149.95	0.3001E+03	0.83	1.89	-3.01	0.00	0.2845E+07	0.4658E+05	1814.00	35.20
72.00	0.7016E+000.1563E-01	0.2663E+03	155.30	0.2663E+03	0.82	1.99	-2.69	0.00	0.2681E+07	0.4902E+05	1904.00	36.57
74.00	0.7249E+000.1422E-01	0.2352E+03	161.39	0.2352E+03	0.80	2.10	-2.41	0.00	0.2515E+07	0.5153E+05	1999.00	38.00
76.00	0.7492E+000.1283E-01	0.2068E+03	168.80	0.2068E+03	0.79	2.21	-2.14	0.00	0.2341E+07	0.5413E+05	2100.00	39.47
78.00	0.7642E+000.1156E-01	0.1812E+03	176.52	0.1812E+03	0.78	2.32	-1.73	0.00	0.2152E+07	0.5681E+05	2206.00	40.99
80.00	0.7753E+000.1027E-01	0.1580E+03	185.90	0.1580E+03	0.76	2.42	-1.04	0.00	0.1941E+07	0.5957E+05	2313.00	42.53
82.00	0.7802E+000.9150E-02	0.1377E+03	195.67	0.1377E+03	0.75	2.53	-0.76	0.00	0.1755E+07	0.6241E+05	2423.00	44.08
84.00	0.7843E+000.8158E-02	0.1195E+03	206.54	0.1195E+03	0.74	2.64	-0.98	0.00	0.1574E+07	0.6532E+05	2539.00	45.65
86.00	0.7817E+000.7253E-02	0.1034E+03	218.18	0.1034E+03	0.73	2.75	-1.27	0.00	0.1402E+07	0.6831E+05	2656.00	47.21
88.00	0.7740E+000.6433E-02	0.8905E+02	230.71	0.8905E+02	0.73	2.87	-1.57	0.00	0.1244E+07	0.7139E+05	2777.00	48.77
90.00	0.7571E+000.5670E-02	0.7657E+02	243.95	0.7657E+02	0.72	2.98	-1.62	0.00	0.1100E+07	0.7454E+05	2901.00	50.30
92.00	0.7336E+000.4977E-02	0.6573E+02	257.80	0.6573E+02	0.71	3.10	-1.64	0.00	0.9720E+06	0.7777E+05	3025.00	51.79
94.00	0.7079E+000.4366E-02	0.5651E+02	272.54	0.5651E+02	0.70	3.22	-1.63	0.00	0.8583E+06	0.8108E+05	3154.00	53.23
96.00	0.6772E+000.3809E-02	0.4834E+02	288.20	0.4834E+02	0.69	3.35	-1.62	0.00	0.7572E+06	0.8446E+05	3286.00	54.62

SUMMARY TABLE FOR BODY POINT 1253
XB=1813.0 THETAB= 180.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1801E+000.1330E-01		123.94	0.2027E+04	1.00	0.16	-0.27	0.58	0.1126E+07	0.1350E+04	183.10	0.90
15.00	0.3023E+000.2072E-01		124.99	0.1921E+04	1.00	0.27	-0.01	3.23	0.1788E+07	0.2823E+04	306.30	2.11
20.00	0.4244E+000.2881E-01		126.23	0.1821E+04	1.00	0.39	0.48	-5.89	0.2391E+07	0.4296E+04	429.50	3.92
25.00	0.5400E+000.3169E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.33
30.00	0.6526E+000.3536E-01		128.85	0.1498E+04	1.00	0.65	-0.32	3.62	0.3401E+07	0.9582E+04	709.40	9.32
35.00	0.6930E+000.3640E-01		129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.68
40.00	0.7291E+000.3658E-01		130.33	0.1127E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	16.23
45.00	0.7207E+000.3560E-01		130.64	0.9490E+03	1.00	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	19.86
50.00	0.6637E+000.3301E-01		130.50	0.7859E+03	0.99	1.15	-4.41	2.02	0.3759E+07	0.2584E+05	1183.00	23.32
55.00	0.6127E+000.2995E-01		130.86	0.6387E+03	0.99	1.29	-4.15	2.12	0.3657E+07	0.3059E+05	1301.00	26.51
60.00	0.5926E+000.2646E-01		132.80	0.5094E+03	0.97	1.46	-3.78	2.06	0.3496E+07	0.3556E+05	1435.00	29.52
62.00	0.6070E+000.2494E-01		134.74	0.4624E+03	0.96	1.53	-3.61	1.90	0.3395E+07	0.3763E+05	1497.00	30.72
64.00	0.6332E+000.2356E-01		137.27	0.4179E+03	0.95	1.62	-3.57	1.82	0.3282E+07	0.3975E+05	1569.00	31.96
66.00	0.6714E+000.2197E-01		140.96	0.3759E+03	0.94	1.71	-3.35	1.80	0.3151E+07	0.4195E+05	1647.00	33.27
68.00	0.7101E+000.2042E-01		145.18	0.3367E+03	0.93	1.80	-3.23	1.78	0.3003E+07	0.4423E+05	1729.00	34.65
70.00	0.7429E+000.1878E-01		149.95	0.3001E+03	0.92	1.89	-3.01	1.86	0.2845E+07	0.4658E+05	1814.00	36.10
72.00	0.7670E+000.1708E-01		155.30	0.2663E+03	0.90	1.99	-2.69	1.94	0.2681E+07	0.4902E+05	1904.00	37.61
74.00	0.7891E+000.1547E-01		161.39	0.2352E+03	0.88	2.10	-2.41	2.12	0.2515E+07	0.5153E+05	1999.00	39.17
76.00	0.8112E+000.1389E-01		168.80	0.2068E+03	0.86	2.21	-2.14	2.34	0.2341E+07	0.5413E+05	2100.00	40.77
78.00	0.8172E+000.1236E-01		176.52	0.1812E+03	0.83	2.32	-1.73	2.61	0.2152E+07	0.5681E+05	2206.00	42.40
80.00	0.8064E+000.1068E-01		185.90	0.1580E+03	0.79	2.42	-1.04	3.01	0.1941E+07	0.5957E+05	2313.00	44.02
82.00	0.8025E+000.9412E-02		195.67	0.1377E+03	0.77	2.53	-0.76	3.46	0.1755E+07	0.6241E+05	2423.00	45.63
84.00	0.8229E+000.8560E-02		206.54	0.1195E+03	0.78	2.64	-0.98	3.98	0.1574E+07	0.6532E+05	2539.00	47.26
86.00	0.8420E+000.7812E-02		218.18	0.1034E+03	0.79	2.75	-1.27	4.60	0.1402E+07	0.6831E+05	2656.00	48.92
88.00	0.8556E+000.7111E-02		230.71	0.8905E+02	0.80	2.87	-1.57	5.13	0.1244E+07	0.7139E+05	2777.00	50.62
90.00	0.8422E+000.6306E-02		243.95	0.7657E+02	0.80	2.98	-1.62	5.10	0.1100E+07	0.7454E+05	2901.00	52.32
92.00	0.8329E+000.5651E-02		257.80	0.6573E+02	0.81	3.10	-1.64	5.00	0.9720E+06	0.7777E+05	3025.00	53.99
94.00	0.8210E+000.5064E-02		272.54	0.5651E+02	0.81	3.22	-1.63	4.94	0.8583E+06	0.8108E+05	3154.00	55.64
96.00	0.7996E+000.4497E-02		288.20	0.4834E+02	0.82	3.35	-1.62	4.87	0.7572E+06	0.8446E+05	3286.00	57.27

SUMMARY TABLE FOR BODY POINT 1260
XB=1825.1 THETAB= 180.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1799E+000.1328E-01		123.94	0.2027E+04	1.00	0.16	-0.27	0.58	0.1126E+07	0.1350E+04	183.10	0.90
15.00	0.3020E+000.2070E-01		124.99	0.1921E+04	1.00	0.27	-0.01	3.23	0.1788E+07	0.2823E+04	306.30	2.10
20.00	0.4239E+000.2678E-01		126.23	0.1821E+04	1.00	0.39	0.48	-2.94	0.2391E+07	0.4296E+04	429.50	3.92
25.00	0.5395E+000.3168E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.33
30.00	0.6519E+000.3533E-01		128.85	0.1498E+04	1.00	0.65	-3.02	3.62	0.3401E+07	0.9582E+04	709.40	9.31
35.00	0.6923E+000.3637E-01		129.44	0.1302E+04	1.00	0.77	-3.42	2.82	0.3647E+07	0.1330E+05	837.30	12.67
40.00	0.7284E+000.3655E-01		130.33	0.1127E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	16.22
45.00	0.7202E+000.3557E-01		130.64	0.9490E+03	1.00	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	19.84
50.00	0.6662E+000.3314E-01		130.50	0.7859E+03	1.00	1.15	-4.41	2.02	0.3759E+07	0.2584E+05	1183.00	23.31
55.00	0.6165E+000.3014E-01		130.86	0.6387E+03	0.99	1.29	-4.15	2.12	0.3657E+07	0.3059E+05	1301.00	26.51
60.00	0.5939E+000.2652E-01		132.80	0.5094E+03	0.97	1.46	-3.78	2.06	0.3496E+07	0.3556E+05	1435.00	29.54
62.00	0.6050E+000.2486E-01		134.74	0.4624E+03	0.96	1.53	-3.61	1.90	0.3395E+07	0.3763E+05	1497.00	30.74
64.00	0.6295E+000.2342E-01		137.27	0.4179E+03	0.95	1.62	-3.57	1.82	0.3282E+07	0.3975E+05	1569.00	31.97
66.00	0.6631E+000.2170E-01		140.96	0.3759E+03	0.93	1.71	-3.35	1.80	0.3151E+07	0.4195E+05	1647.00	33.26
68.00	0.6980E+000.2007E-01		145.18	0.3367E+03	0.92	1.80	-3.23	1.78	0.3003E+07	0.4423E+05	1729.00	34.63
70.00	0.7250E+000.1833E-01		149.95	0.3001E+03	0.90	1.89	-3.01	1.86	0.2845E+07	0.4658E+05	1814.00	36.05
72.00	0.7397E+000.1647E-01		155.30	0.2663E+03	0.86	1.99	-2.69	1.94	0.2681E+07	0.4902E+05	1904.00	37.51
74.00	0.7526E+000.1476E-01		161.39	0.2352E+03	0.84	2.10	-2.41	2.12	0.2515E+07	0.5153E+05	1999.00	39.01
76.00	0.7634E+000.1307E-01		168.80	0.2068E+03	0.81	2.21	-2.14	2.34	0.2341E+07	0.5413E+05	2100.00	40.52
78.00	0.7508E+000.1135E-01		176.52	0.1812E+03	0.76	2.32	-1.73	2.61	0.2152E+07	0.5681E+05	2206.00	42.04
80.00	0.7020E+000.9298E-02		185.90	0.1580E+03	0.69	2.42	-1.04	3.01	0.1941E+07	0.5957E+05	2313.00	43.49
82.00	0.6852E+000.8036E-02		195.67	0.1377E+03	0.66	2.53	-0.76	3.46	0.1755E+07	0.6241E+05	2423.00	44.88
84.00	0.7271E+000.7563E-02		206.54	0.1195E+03	0.69	2.64	-0.98	3.98	0.1574E+07	0.6532E+05	2539.00	46.29
86.00	0.7815E+000.7250E-02		218.18	0.1034E+03	0.73	2.75	-1.27	4.60	0.1402E+07	0.6831E+05	2656.00	47.80
88.00	0.8337E+000.6929E-02		230.71	0.8905E+02	0.78	2.87	-1.57	5.13	0.1244E+07	0.7139E+05	2777.00	49.41
90.00	0.8230E+000.6163E-02		243.95	0.7657E+02	0.78	2.98	-1.62	5.10	0.1100E+07	0.7454E+05	2901.00	51.07
92.00	0.8230E+000.5583E-02		257.80	0.6573E+02	0.80	3.10	-1.64	5.00	0.9720E+06	0.7777E+05	3025.00	52.71
94.00	0.8225E+000.5073E-02		272.54	0.5651E+02	0.81	3.22	-1.63	4.94	0.8583E+06	0.8108E+05	3154.00	54.36
96.00	0.8118E+000.4566E-02		288.20	0.4834E+02	0.83	3.35	-1.62	4.87	0.7572E+06	0.8446E+05	3286.00	55.99

SUMMARY TABLE FOR BODY POINT 1365
XB=1729.9 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1814E+000.1339E-01	123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.91	
15.00	0.3044E+000.2087E-01	124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.12	
20.00	0.4273E+000.2700E-01	126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.95	
25.00	0.5436E+000.3190E-01	127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.38	
30.00	0.6565E+000.3557E-01	128.86	0.1500E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.38	
35.00	0.6976E+000.3664E-01	129.44	0.1304E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.76	
40.00	0.7342E+000.3682E-01	130.34	0.1130E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	16.34	
45.00	0.7461E+000.3667E-01	130.74	0.9776E+03	1.02	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	20.04	
50.00	0.7403E+000.3746E-01	130.16	0.8001E+03	1.12	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	23.76	
55.00	0.7622E+000.3786E-01	130.53	0.6524E+03	1.23	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	27.52	
60.00	0.8385E+000.3785E-01	132.55	0.5198E+03	1.36	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	31.52	
62.00	0.9092E+000.3766E-01	134.54	0.4698E+03	1.43	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	33.26	
64.00	0.1014E+010.3766E-01	137.32	0.4239E+03	1.50	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	35.19	
66.00	0.1149E+010.3753E-01	141.00	0.3804E+03	1.59	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	37.35	
68.00	0.1295E+010.3722E-01	145.20	0.3394E+03	1.68	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	39.79	
70.00	0.1453E+010.3671E-01	149.97	0.3019E+03	1.77	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	42.54	
72.00	0.1619E+010.3606E-01	155.31	0.2672E+03	1.87	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	45.61	
74.00	0.1800E+010.3531E-01	161.39	0.2352E+03	1.99	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	49.03	
76.00	0.1996E+010.3419E-01	168.78	0.2078E+03	2.09	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	52.83	
78.00	0.2184E+010.3303E-01	176.54	0.1826E+03	2.19	2.32	-0.47	-2.61	0.2152E+07	0.5681E+05	2206.00	57.01	
80.00	0.2421E+010.3206E-01	185.90	0.1581E+03	2.35	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	61.62	
82.00	0.2625E+010.3078E-01	195.68	0.1382E+03	2.49	2.53	-0.17	-3.46	0.1755E+07	0.6241E+05	2423.00	66.66	
84.00	0.2835E+010.2949E-01	206.56	0.1204E+03	2.64	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	72.12	
86.00	0.3025E+010.2804E-01	218.26	0.1055E+03	2.78	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	77.98	
88.00	0.3211E+010.2666E-01	230.83	0.9136E+02	2.94	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	84.22	
90.00	0.3309E+010.2475E-01	244.08	0.7869E+02	3.06	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	90.74	
92.00	0.3164E+010.2145E-01	257.94	0.6762E+02	2.98	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	97.21	
94.00	0.2993E+010.1845E-01	272.68	0.5802E+02	2.89	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	103.37	
96.00	0.2799E+010.1573E-01	288.35	0.4978E+02	2.78	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	109.16	

SUMMARY TABLE FOR BODY POINT 1366
XB=1769.7 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1807E+000.1334E-01		123.94	0.2027E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.90
15.00	0.3034E+000.2080E-01		124.99	0.1921E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.11
20.00	0.4259E+000.2691E-01		126.23	0.1821E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.94
25.00	0.5419E+000.3180E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.36
30.00	0.6545E+000.3546E-01		128.86	0.1500E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.35
35.00	0.6954E+000.3652E-01		129.44	0.1304E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1305E+05	837.30	12.72
40.00	0.7319E+000.3671E-01		130.34	0.1130E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	16.29
45.00	0.7409E+000.3642E-01		130.74	0.9776E+03	1.01	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	19.97
50.00	0.7187E+000.3630E-01		130.20	0.8182E+03	1.08	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	23.62
55.00	0.7217E+000.3585E-01		130.53	0.6524E+03	1.17	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	27.22
60.00	0.7706E+000.3478E-01		132.55	0.5198E+03	1.26	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	30.95
62.00	0.8224E+000.3407E-01		134.54	0.4698E+03	1.30	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	32.55
64.00	0.9018E+000.3350E-01		137.32	0.4239E+03	1.34	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	34.27
66.00	0.1005E+010.3285E-01		141.00	0.3804E+03	1.39	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	36.18
68.00	0.1114E+010.3202E-01		145.20	0.3394E+03	1.45	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	38.30
70.00	0.1230E+010.3109E-01		149.97	0.3019E+03	1.51	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	40.64
72.00	0.1349E+010.3005E-01		155.31	0.2672E+03	1.57	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	43.22
74.00	0.1474E+010.2890E-01		161.39	0.2352E+03	1.63	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	46.04
76.00	0.1617E+010.2770E-01		168.78	0.2078E+03	1.70	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	49.13
78.00	0.1753E+010.2650E-01		176.54	0.1826E+03	1.76	2.32	-0.47	-2.61	0.2152E+07	0.5681E+05	2206.00	52.50
80.00	0.1901E+010.2515E-01		185.96	0.1609E+03	1.83	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	56.16
82.00	0.2059E+010.2414E-01		195.72	0.1398E+03	1.95	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	60.41
84.00	0.2237E+010.2325E-01		206.61	0.1220E+03	2.07	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	64.41
86.00	0.2434E+010.2256E-01		218.30	0.1084E+03	2.23	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	69.08
88.00	0.2615E+010.2171E-01		230.88	0.9218E+02	2.39	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	74.13
90.00	0.2678E+010.2003E-01		244.13	0.7962E+02	2.47	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	79.43
92.00	0.2658E+010.1801E-01		258.01	0.6862E+02	2.49	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	84.76
94.00	0.2614E+010.1610E-01		272.77	0.5910E+02	2.50	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	90.04
96.00	0.2545E+010.1429E-01		288.45	0.5072E+02	2.51	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	95.20

SUMMARY TABLE FOR BODY POINT 4220
XB=1637.5 THETAB= 180.0

TRAJ. TIME (SEC)	DESIGN HTG RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1829E+000.1351E-01		123.94	0.2027E+04	1.00	0.16	-0.27	0.58	0.1126E+07	0.1350E+04	183.10	0.91
15.00	0.3070E+000.2105E-01		124.99	0.1921E+04	1.00	0.27	-0.01	3.23	0.1788E+07	0.2823E+04	306.30	2.14
20.00	0.4308E+000.2722E-01		126.23	0.1821E+04	1.00	0.39	0.48	-5.89	0.2391E+07	0.4296E+04	429.50	3.98
25.00	0.5481E+000.3216E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.43
30.00	0.6633E+000.3589E-01		128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.46
35.00	0.7033E+000.3694E-01		129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.87
40.00	0.7399E+000.3713E-01		130.33	0.1127E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	16.48
45.00	0.7309E+000.3610E-01		130.64	0.9490E+03	1.00	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	20.16
50.00	0.6692E+000.3329E-01		130.50	0.7859E+03	0.99	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	23.66
55.00	0.6188E+000.3025E-01		130.86	0.6387E+03	0.98	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	26.88
60.00	0.6033E+000.2694E-01		132.80	0.5094E+03	0.97	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	29.93
62.00	0.6177E+000.2538E-01		134.74	0.4624E+03	0.96	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	31.15
64.00	0.6435E+000.2395E-01		137.27	0.4179E+03	0.96	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	32.41
66.00	0.6891E+000.2255E-01		140.96	0.3759E+03	0.95	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	33.75
68.00	0.7341E+000.2111E-01		145.18	0.3367E+03	0.95	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	35.17
70.00	0.7853E+000.1985E-01		149.95	0.3001E+03	0.95	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	36.69
72.00	0.8368E+000.1864E-01		155.30	0.2663E+03	0.96	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	38.31
74.00	0.9013E+000.1767E-01		161.39	0.2354E+03	0.99	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	40.05
76.00	0.9719E+000.1664E-01		168.80	0.2068E+03	1.01	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	41.92
78.00	0.1052E+010.1592E-01		176.53	0.1816E+03	1.05	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	43.95
80.00	0.1159E+010.1535E-01		185.90	0.1580E+03	1.12	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	46.16
82.00	0.1266E+010.1485E-01		195.68	0.1381E+03	1.19	2.53	0.12	-3.46	0.1755E+07	0.6241E+05	2423.00	48.58
84.00	0.1383E+010.1439E-01		206.54	0.1195E+03	1.28	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	51.23
86.00	0.1484E+010.1377E-01		218.18	0.1034E+03	1.37	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	54.10
88.00	0.1575E+010.1309E-01		230.71	0.8905E+02	1.45	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	57.16
90.00	0.1579E+010.1182E-01		243.95	0.7657E+02	1.47	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	60.31
92.00	0.1628E+010.1105E-01		257.80	0.6573E+02	1.55	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	63.52
94.00	0.1701E+010.1049E-01		272.54	0.5651E+02	1.66	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	66.85
96.00	0.1746E+010.9820E-02		288.20	0.4834E+02	1.75	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	70.29

SUMMARY TABLE FOR BODY POINT 7415
XB=1838.0 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1915E+000.1266E-01	125.52	0.2026E+04	1.00	0.16	-1.42	0.58	0.1126E+07	0.1350E+04	183.10	0.96	
15.00	0.3042E+000.2022E-01	125.44	0.1925E+04	1.00	0.27	-0.47	3.23	0.1788E+07	0.2823E+04	306.30	2.20	
20.00	0.4181E+000.2639E-01	126.24	0.1828E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.00	
25.00	0.5699E+000.3083E-01	128.89	0.1667E+04	1.00	0.51	-1.98	4.75	0.2933E+07	0.6939E+04	569.50	6.47	
30.00	0.6993E+000.3451E-01	130.67	0.1521E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.65	
35.00	0.7455E+000.3576E-01	131.25	0.1332E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	13.26	
40.00	0.7846E+000.3620E-01	132.07	0.1163E+04	1.00	0.90	-2.96	2.02	0.3827E+07	0.1702E+05	965.30	17.08	
45.00	0.7972E+000.3638E-01	132.32	0.9986E+03	1.03	1.02	-2.94	-1.87	0.3821E+07	0.2131E+05	1073.00	21.04	
50.00	0.8857E+000.4059E-01	132.22	0.9429E+03	1.20	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	25.24	
55.00	0.9911E+000.4450E-01	132.67	0.7702E+03	1.39	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	29.94	
60.00	0.1148E+010.4792E-01	134.37	0.6294E+03	1.62	1.46	-3.03	-2.06	0.3496E+07	0.3556E+05	1435.00	35.29	
62.00	0.1252E+010.4907E-01	135.92	0.5749E+03	1.72	1.53	-2.73	-1.90	0.3395E+07	0.3763E+05	1497.00	37.69	
64.00	0.1413E+010.5077E-01	138.23	0.5211E+03	1.86	1.62	-1.97	-1.82	0.3282E+07	0.3975E+05	1569.00	40.35	
66.00	0.1631E+010.5242E-01	141.52	0.4682E+03	2.03	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	43.39	
68.00	0.1880E+010.5342E-01	145.60	0.4223E+03	2.18	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	46.91	
70.00	0.2180E+010.5459E-01	150.34	0.3806E+03	2.37	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	50.97	
72.00	0.2524E+010.5567E-01	155.73	0.3418E+03	2.58	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	55.67	
74.00	0.2951E+010.5716E-01	162.02	0.3052E+03	2.84	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	61.14	
76.00	0.3442E+010.5843E-01	169.31	0.2751E+03	3.12	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	67.54	
78.00	0.4010E+010.5999E-01	177.24	0.2443E+03	3.45	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	74.99	
80.00	0.4759E+010.6241E-01	186.66	0.2171E+03	3.92	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	83.76	
82.00	0.5125E+010.5956E-01	196.46	0.1934E+03	4.08	2.53	-0.17	-3.46	0.1755E+07	0.6241E+05	2423.00	93.64	
84.00	0.5445E+010.5614E-01	207.38	0.1716E+03	4.21	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	104.21	
86.00	0.5667E+010.5216E-01	219.05	0.1531E+03	4.28	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	115.32	
88.00	0.5994E+010.4942E-01	231.69	0.1345E+03	4.49	2.87	-1.16	-2.56	0.1244E+07	0.7139E+05	2777.00	126.99	
90.00	0.6352E+010.4716E-01	245.10	0.1186E+03	4.74	2.98	-1.13	-2.55	0.1100E+07	0.7454E+05	2901.00	139.33	
92.00	0.6472E+010.4352E-01	259.13	0.1043E+03	4.86	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	152.16	
94.00	0.6619E+010.4045E-01	274.04	0.9164E+02	5.04	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	165.25	
96.00	0.6686E+010.3724E-01	289.91	0.8042E+02	5.18	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	178.55	

SUMMARY TABLE FOR BODY POINT 7416
XB=1838.0 THETAB= 280.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1851E+000.1281E-01		124.85	0.2027E+04	1.00	0.16	-1.42	-0.58	0.1126E+07	0.1350E+04	183.10	0.93
15.00	0.3414E+000.1958E-01		127.84	0.1924E+04	1.00	0.27	0.90	-3.23	0.1788E+07	0.2823E+04	306.30	2.24
20.00	0.4677E+000.2566E-01		128.63	0.1829E+04	1.00	0.39	0.48	-2.94	0.2391E+07	0.4296E+04	429.50	4.26
25.00	0.5828E+000.3069E-01		129.39	0.1688E+04	1.00	0.51	-1.98	-2.38	0.2933E+07	0.6939E+04	569.50	6.89
30.00	0.6955E+000.3454E-01		130.53	0.1520E+04	1.00	0.65	-4.44	-1.81	0.3401E+07	0.9582E+04	709.40	10.09
35.00	0.7402E+000.3579E-01		131.08	0.1331E+04	1.00	0.77	-3.02	-2.82	0.3647E+07	0.1330E+05	837.30	13.68
40.00	0.7777E+000.3623E-01		131.87	0.1162E+04	1.00	0.90	-3.48	-2.02	0.3827E+07	0.1702E+05	965.30	17.47
45.00	0.7770E+000.3582E-01		132.09	0.9955E+03	1.01	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	21.36
50.00	0.7881E+000.3611E-01		132.22	0.9429E+03	1.06	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	25.27
55.00	0.7985E+000.3586E-01		132.67	0.7701E+03	1.12	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	29.24
60.00	0.8342E+000.3497E-01		134.25	0.6262E+03	1.18	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	33.32
62.00	0.8841E+000.3557E-01		135.25	0.5528E+03	1.27	1.53	-1.85	0.00	0.3395E+07	0.3763E+05	1497.00	35.04
64.00	0.9809E+000.3581E-01		137.79	0.5050E+03	1.33	1.62	-1.43	0.00	0.3282E+07	0.3975E+05	1569.00	36.90
66.00	0.1114E+010.3587E-01		141.46	0.4598E+03	1.40	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	39.00
68.00	0.1265E+010.3585E-01		145.68	0.4170E+03	1.48	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	41.38
70.00	0.1420E+010.3544E-01		150.47	0.3771E+03	1.55	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	44.06
72.00	0.1586E+010.3488E-01		155.86	0.3398E+03	1.62	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	47.07
74.00	0.1770E+010.3428E-01		162.02	0.3052E+03	1.70	2.10	0.05	0.00	0.2515E+07	0.5153E+05	1999.00	50.42
76.00	0.1918E+010.3248E-01		169.47	0.2735E+03	1.74	2.21	-0.28	0.00	0.2341E+07	0.5413E+05	2100.00	54.11
78.00	0.2110E+010.3156E-01		177.24	0.2443E+03	1.82	2.32	0.16	0.00	0.2152E+07	0.5681E+05	2206.00	58.14
80.00	0.2293E+010.3006E-01		186.68	0.2169E+03	1.89	2.42	-0.05	0.00	0.1941E+07	0.5957E+05	2313.00	62.54
82.00	0.2432E+010.2824E-01		196.51	0.1926E+03	1.94	2.53	0.12	0.00	0.1755E+07	0.6241E+05	2423.00	67.27
84.00	0.2595E+010.2674E-01		207.44	0.1703E+03	2.02	2.64	-0.34	3.98	0.1574E+07	0.6532E+05	2539.00	72.29
86.00	0.2651E+010.2437E-01		219.16	0.1501E+03	2.03	2.75	-0.89	4.60	0.1402E+07	0.6831E+05	2656.00	77.54
88.00	0.2738E+010.2256E-01		231.74	0.1316E+03	2.08	2.87	-1.16	5.13	0.1244E+07	0.7139E+05	2777.00	82.93
90.00	0.2833E+010.2104E-01		245.03	0.1160E+03	2.15	2.98	-1.13	5.10	0.1100E+07	0.7454E+05	2901.00	88.50
92.00	0.2961E+010.1993E-01		258.96	0.1021E+03	2.26	3.10	-1.07	5.00	0.9720E+06	0.7777E+05	3025.00	94.29
94.00	0.3104E+010.1900E-01		273.77	0.8996E+02	2.40	3.22	-0.96	4.94	0.8583E+06	0.8108E+05	3154.00	100.36
96.00	0.3150E+010.1759E-01		289.51	0.7890E+02	2.48	3.35	-0.98	4.87	0.7572E+06	0.8446E+05	3286.00	106.61

SUMMARY TABLE FOR BODY POINT 7417
XB=1838.0 THETAB= 180.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1777E+000.1300E-01		124.07	0.2028E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.89
15.00	0.3174E+000.1997E-01		126.29	0.1924E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.13
20.00	0.4641E+000.2571E-01		128.45	0.1829E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	4.08
25.00	0.5335E+000.3126E-01		127.47	0.1664E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.57
30.00	0.6469E+000.3498E-01		128.89	0.1515E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.52
35.00	0.6899E+000.3613E-01		129.49	0.1323E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.87
40.00	0.7298E+000.3647E-01		130.41	0.1154E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	16.42
45.00	0.7421E+000.3652E-01		130.72	0.9836E+03	1.01	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	20.10
50.00	0.7663E+000.3739E-01		130.90	0.9096E+03	1.09	1.15	-4.41	2.02	0.3759E+07	0.2584E+05	1183.00	23.87
55.00	0.7811E+000.3749E-01		131.23	0.7405E+03	1.18	1.29	-4.15	2.12	0.3657E+07	0.3059E+05	1301.00	27.74
60.00	0.8282E+000.3632E-01		133.20	0.6006E+03	1.25	1.46	-3.78	2.06	0.3496E+07	0.3556E+05	1435.00	31.76
62.00	0.8732E+000.3526E-01		135.17	0.5499E+03	1.26	1.53	-3.61	1.90	0.3395E+07	0.3763E+05	1497.00	33.46
64.00	0.9444E+000.3456E-01		137.73	0.5026E+03	1.29	1.62	-3.57	1.82	0.3282E+07	0.3975E+05	1569.00	35.28
66.00	0.1039E+010.3345E-01		141.44	0.4580E+03	1.31	1.71	-3.35	1.80	0.3151E+07	0.4195E+05	1647.00	37.26
68.00	0.1140E+010.3230E-01		145.69	0.4159E+03	1.33	1.80	-3.23	1.78	0.3003E+07	0.4423E+05	1729.00	39.44
70.00	0.1242E+010.3097E-01		150.50	0.3763E+03	1.35	1.89	-3.01	1.86	0.2845E+07	0.4658E+05	1814.00	41.82
72.00	0.1338E+010.2929E-01		155.89	0.3394E+03	1.36	1.99	-2.69	1.94	0.2681E+07	0.4902E+05	1904.00	44.40
74.00	0.1430E+010.2771E-01		162.02	0.3052E+03	1.38	2.10	-2.41	2.12	0.2515E+07	0.5153E+05	1999.00	47.16
76.00	0.1525E+010.2581E-01		169.50	0.2731E+03	1.38	2.21	-2.14	2.34	0.2341E+07	0.5413E+05	2100.00	50.11
78.00	0.1579E+010.2362E-01		177.24	0.2443E+03	1.36	2.32	-1.73	2.61	0.2152E+07	0.5681E+05	2206.00	53.22
80.00	0.1513E+010.1983E-01		186.68	0.2169E+03	1.25	2.42	-1.04	3.01	0.1941E+07	0.5957E+05	2313.00	56.31
82.00	0.1525E+010.1774E-01		196.39	0.1944E+03	1.21	2.53	0.41	0.00	0.1755E+07	0.6241E+05	2423.00	59.35
84.00	0.1612E+010.1661E-01		207.44	0.1703E+03	1.25	2.64	-0.98	3.98	0.1574E+07	0.6532E+05	2539.00	62.49
86.00	0.1751E+010.1610E-01		219.16	0.1501E+03	1.34	2.75	-1.27	4.60	0.1402E+07	0.6831E+05	2656.00	65.85
88.00	0.1887E+010.1555E-01		231.74	0.1316E+03	1.43	2.87	-1.57	5.13	0.1244E+07	0.7139E+05	2777.00	69.49
90.00	0.1932E+010.1435E-01		245.03	0.1160E+03	1.46	2.98	-1.62	5.10	0.1100E+07	0.7454E+05	2901.00	73.30
92.00	0.2034E+010.1369E-01		258.96	0.1021E+03	1.55	3.10	-1.64	2.50	0.9720E+06	0.7777E+05	3025.00	77.27
94.00	0.2224E+010.1362E-01		273.77	0.8996E+02	1.72	3.22	-1.63	0.00	0.8583E+06	0.8108E+05	3154.00	81.53
96.00	0.2572E+010.1436E-01		289.51	0.7890E+02	2.02	3.35	-1.62	0.00	0.7572E+06	0.8446E+05	3286.00	86.33

SUMMARY TABLE FOR BODY POINT 7683
XB=1785.0 THETAB= 0.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1805E+000.1333E-01	123.94	0.2027E+04	0.16	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.90
15.00	0.3030E+000.2077E-01	124.99	0.1921E+04	0.27	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.11
20.00	0.4254E+000.2688E-01	126.23	0.1821E+04	0.39	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.93
25.00	0.5412E+000.3176E-01	127.44	0.1653E+04	0.51	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.35
30.00	0.6537E+000.3542E-01	128.86	0.1500E+04	0.65	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.34
35.00	0.6945E+000.3648E-01	129.44	0.1304E+04	0.77	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.71
40.00	0.7310E+000.3666E-01	130.34	0.1130E+04	0.90	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	16.27
45.00	0.7316E+000.3596E-01	130.74	0.9776E+03	1.02	1.00	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	19.93
50.00	0.6669E+000.3374E-01	130.16	0.8001E+03	1.15	1.01	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	23.42
55.00	0.6310E+000.3135E-01	130.53	0.6524E+03	1.29	1.02	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	26.67
60.00	0.6346E+000.2865E-01	132.55	0.5198E+03	1.46	1.04	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	29.83
62.00	0.6626E+000.2745E-01	134.54	0.4698E+03	1.05	1.05	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	31.13
64.00	0.7095E+000.2636E-01	137.32	0.4239E+03	1.06	1.06	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	32.50
66.00	0.7716E+000.2522E-01	141.00	0.3804E+03	1.07	1.07	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	33.98
68.00	0.8356E+000.2401E-01	145.20	0.3394E+03	1.09	1.09	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	35.59
70.00	0.8997E+000.2274E-01	149.97	0.3019E+03	1.10	1.10	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	37.32
72.00	0.9625E+000.2143E-01	155.31	0.2672E+03	1.12	1.12	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	39.19
74.00	0.1031E+010.2022E-01	161.39	0.2352E+03	1.14	1.14	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	41.18
76.00	0.1119E+010.1916E-01	168.80	0.2068E+03	1.18	1.18	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	43.33
78.00	0.1219E+010.1843E-01	176.52	0.1812E+03	1.23	1.23	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2206.00	45.67
80.00	0.1306E+010.1730E-01	185.90	0.1580E+03	1.28	1.28	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	48.19
82.00	0.1314E+010.1541E-01	195.67	0.1377E+03	1.26	1.26	2.53	0.41	-3.46	0.1755E+07	0.6241E+05	2423.00	50.81
84.00	0.1313E+010.1365E-01	206.56	0.1204E+03	1.23	1.23	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	53.44
86.00	0.1360E+010.1260E-01	218.30	0.1064E+03	1.25	1.25	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	56.11
88.00	0.1396E+010.1159E-01	230.88	0.9218E+02	1.28	1.28	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	58.87
90.00	0.1396E+010.1044E-01	244.13	0.7962E+02	1.29	1.29	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	61.66
92.00	0.1329E+010.9004E-02	258.01	0.6862E+02	1.25	1.25	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	64.39
94.00	0.1288E+010.7937E-02	272.68	0.5802E+02	1.25	1.25	3.22	-0.96	-2.47	0.8583E+06	0.8108E+05	3154.00	67.00
96.00	0.1283E+010.7209E-02	288.35	0.4978E+02	1.28	1.28	3.35	-0.98	-2.44	0.7572E+06	0.8446E+05	3286.00	69.57

SUMMARY TABLE FOR BODY POINT 7684
XB=1785.0 THETAB= 180.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1805E+000.1333E-01		123.94	0.2027E+04	1.00	0.16	-0.27	0.58	0.1126E+07	0.1350E+04	183.10	0.90
15.00	0.3030E+000.2077E-01		124.99	0.1921E+04	1.00	0.27	-0.01	3.23	0.1788E+07	0.2823E+04	306.30	2.11
20.00	0.4253E+000.2687E-01		126.23	0.1821E+04	1.00	0.39	0.48	-5.89	0.2391E+07	0.4296E+04	429.50	3.93
25.00	0.5412E+000.3176E-01		127.44	0.1653E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6299E+04	569.50	6.35
30.00	0.6540E+000.3544E-01		128.85	0.1498E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.34
35.00	0.6945E+000.3648E-01		129.44	0.1302E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.71
40.00	0.7307E+000.3667E-01		130.33	0.1127E+04	1.00	0.90	-2.79	2.02	0.3821E+07	0.1702E+05	965.30	16.27
45.00	0.7223E+000.3568E-01		130.64	0.9490E+03	1.00	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	19.90
50.00	0.6652E+000.3308E-01		130.50	0.7859E+03	0.99	1.15	-4.41	2.02	0.3759E+07	0.2584E+05	1183.00	23.37
55.00	0.6141E+000.3002E-01		130.86	0.6387E+03	0.99	1.29	-4.15	2.12	0.3657E+07	0.3059E+05	1301.00	26.57
60.00	0.5939E+000.2652E-01		132.80	0.5094E+03	0.97	1.46	-3.78	2.06	0.3496E+07	0.3556E+05	1435.00	29.59
62.00	0.6084E+000.2500E-01		134.74	0.4624E+03	0.96	1.53	-3.61	1.90	0.3395E+07	0.3763E+05	1497.00	30.79
64.00	0.6347E+000.2362E-01		137.27	0.4179E+03	0.95	1.62	-3.57	1.82	0.3282E+07	0.3975E+05	1569.00	32.04
66.00	0.6729E+000.2202E-01		140.96	0.3759E+03	0.94	1.71	-3.35	1.80	0.3151E+07	0.4195E+05	1647.00	33.34
68.00	0.7118E+000.2047E-01		145.18	0.3367E+03	0.93	1.80	-3.23	1.78	0.3003E+07	0.4423E+05	1729.00	34.73
70.00	0.7446E+000.1882E-01		149.95	0.3001E+03	0.92	1.89	-3.01	1.86	0.2845E+07	0.4658E+05	1814.00	36.18
72.00	0.7688E+000.1712E-01		155.30	0.2663E+03	0.90	1.99	-2.69	1.94	0.2681E+07	0.4902E+05	1904.00	37.70
74.00	0.7909E+000.1551E-01		161.39	0.2352E+03	0.88	2.10	-2.41	2.12	0.2515E+07	0.5153E+05	1999.00	39.26
76.00	0.8131E+000.1392E-01		168.80	0.2068E+03	0.86	2.21	-2.14	2.34	0.2341E+07	0.5413E+05	2100.00	40.86
78.00	0.8191E+000.1239E-01		176.52	0.1812E+03	0.83	2.32	-1.73	2.61	0.2152E+07	0.5681E+05	2206.00	42.49
80.00	0.8083E+000.1071E-01		185.90	0.1580E+03	0.79	2.42	-1.04	3.01	0.1941E+07	0.5957E+05	2313.00	44.12
82.00	0.8044E+000.9434E-02		195.67	0.1377E+03	0.77	2.53	-0.76	3.46	0.1755E+07	0.6241E+05	2423.00	45.73
84.00	0.8249E+000.8580E-02		206.54	0.1195E+03	0.78	2.64	-0.98	3.98	0.1574E+07	0.6532E+05	2539.00	47.36
86.00	0.8439E+000.7830E-02		218.18	0.1034E+03	0.79	2.75	-1.27	4.60	0.1402E+07	0.6831E+05	2656.00	49.03
88.00	0.8576E+000.7128E-02		230.71	0.8905E+02	0.80	2.87	-1.57	5.13	0.1244E+07	0.7139E+05	2777.00	50.73
90.00	0.8442E+000.6321E-02		243.95	0.7657E+02	0.80	2.98	-1.62	5.10	0.1100E+07	0.7454E+05	2901.00	52.44
92.00	0.8349E+000.5664E-02		257.80	0.6573E+02	0.81	3.10	-1.64	5.00	0.9720E+06	0.7777E+05	3025.00	54.11
94.00	0.8230E+000.5076E-02		272.54	0.5651E+02	0.81	3.22	-1.63	4.94	0.8583E+06	0.8108E+05	3154.00	55.77
96.00	0.8015E+000.4508E-02		288.20	0.4834E+02	0.82	3.35	-1.62	4.87	0.7572E+06	0.8446E+05	3286.00	57.40

SUMMARY TABLE FOR BODY POINT 8447
XB=1839.0 THETAB= 35.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.2072E+000.1229E-01	127.26	0.2026E+04	0.16	1.00	0.16	-1.42	0.58	0.1126E+07	0.1350E+04	183.10	1.04
15.00	0.3638E+000.1926E-01	129.29	0.1927E+04	0.27	1.00	0.27	-0.47	3.23	0.1788E+07	0.2823E+04	306.30	2.46
20.00	0.5236E+000.2504E-01	131.31	0.1836E+04	0.39	1.00	0.39	0.48	5.89	0.2391E+07	0.4296E+04	429.50	4.68
25.00	0.6429E+000.3008E-01	131.77	0.1682E+04	0.51	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	7.60
30.00	0.7574E+000.3402E-01	132.66	0.1542E+04	0.65	1.00	0.65	-3.54	0.00	0.3401E+07	0.9582E+04	709.40	11.10
35.00	0.8022E+000.3547E-01	133.01	0.1360E+04	0.77	1.00	0.77	-3.72	0.00	0.3647E+07	0.1330E+05	837.30	15.00
40.00	0.8472E+000.3612E-01	133.85	0.1198E+04	0.90	1.00	0.90	-2.96	1.01	0.3827E+07	0.1702E+05	965.30	19.12
45.00	0.8315E+000.3530E-01	133.96	0.1033E+04	1.02	1.00	1.02	-3.62	0.00	0.3821E+07	0.2131E+05	1073.00	23.32
50.00	0.8450E+000.3510E-01	134.48	0.1089E+04	1.01	1.01	1.15	-3.58	0.00	0.3759E+07	0.2584E+05	1183.00	27.51
55.00	0.8346E+000.3404E-01	134.92	0.8895E+03	1.01	1.01	1.29	-2.82	1.06	0.3657E+07	0.3059E+05	1301.00	31.71
60.00	0.8361E+000.3236E-01	136.23	0.7354E+03	1.02	1.02	1.46	-2.28	2.06	0.3496E+07	0.3556E+05	1435.00	35.88
62.00	0.8595E+000.3167E-01	137.54	0.6798E+03	1.02	1.02	1.53	-2.29	1.90	0.3395E+07	0.3763E+05	1497.00	37.58
64.00	0.9062E+000.3101E-01	139.63	0.6313E+03	1.02	1.02	1.62	-3.04	0.91	0.3282E+07	0.3975E+05	1569.00	39.35
66.00	0.9709E+000.3070E-01	142.02	0.5531E+03	1.08	1.08	1.71	-1.07	0.00	0.3151E+07	0.4195E+05	1647.00	41.22
68.00	0.1061E+010.2976E-01	146.03	0.5033E+03	1.10	1.10	1.80	-0.68	0.00	0.3003E+07	0.4423E+05	1729.00	43.25
70.00	0.1158E+010.2869E-01	150.76	0.4581E+03	1.11	1.11	1.89	-0.46	0.00	0.2845E+07	0.4658E+05	1814.00	45.47
72.00	0.1261E+010.2752E-01	156.21	0.4156E+03	1.13	1.13	1.99	-0.26	0.00	0.2681E+07	0.4902E+05	1904.00	47.89
74.00	0.1367E+010.2615E-01	162.65	0.3752E+03	1.14	1.14	2.10	0.05	0.00	0.2515E+07	0.5153E+05	1999.00	50.52
76.00	0.1473E+010.2475E-01	169.91	0.3419E+03	1.14	1.14	2.21	-0.28	0.00	0.2341E+07	0.5413E+05	2100.00	53.36
78.00	0.1579E+010.2349E-01	177.63	0.3106E+03	1.15	1.15	2.32	-0.47	0.00	0.2152E+07	0.5681E+05	2206.00	56.41
80.00	0.1698E+010.2205E-01	187.42	0.2761E+03	1.17	1.17	2.42	-0.05	0.00	0.1941E+07	0.5957E+05	2313.00	59.69
82.00	0.1779E+010.2049E-01	197.26	0.2483E+03	1.18	1.18	2.53	-0.17	0.00	0.1755E+07	0.6241E+05	2423.00	63.17
84.00	0.1848E+010.1889E-01	208.22	0.2225E+03	1.18	1.18	2.64	-0.34	0.00	0.1574E+07	0.6532E+05	2539.00	66.79
86.00	0.1878E+010.1716E-01	219.89	0.2001E+03	1.16	1.16	2.75	-0.89	0.00	0.1402E+07	0.6831E+05	2656.00	70.52
88.00	0.1902E+010.1557E-01	232.59	0.1771E+03	1.15	1.15	2.87	-1.16	0.00	0.1244E+07	0.7139E+05	2777.00	74.30
90.00	0.1942E+010.1431E-01	246.12	0.1579E+03	1.16	1.16	2.98	-1.13	0.00	0.1100E+07	0.7454E+05	2901.00	78.15
92.00	0.2043E+010.1363E-01	260.28	0.1405E+03	1.22	1.22	3.10	-1.07	0.00	0.9720E+06	0.7777E+05	3025.00	82.13
94.00	0.2153E+010.1306E-01	275.33	0.1249E+03	1.28	1.28	3.22	-0.96	0.00	0.8583E+06	0.8108E+05	3154.00	86.33
96.00	0.2242E+010.1239E-01	291.36	0.1108E+03	1.35	1.35	3.35	-0.98	0.00	0.7572E+06	0.8446E+05	3286.00	90.72

SUMMARY TABLE FOR BODY POINT 8448
XB=1838.0 THETAB= 48.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	LOAD
10.00	0.1911E+000.1267E-01		125.47	0.2026E+04	1.00	0.16	-1.42	0.58	0.1126E+07	0.1350E+04	183.10	0.96
15.00	0.3377E+000.1964E-01		127.59	0.1924E+04	1.00	0.27	-0.47	3.23	0.1788E+07	0.2823E+04	306.30	2.28
20.00	0.4708E+000.2562E-01		128.77	0.1829E+04	1.00	0.39	2.08	5.89	0.2391E+07	0.4296E+04	429.50	4.30
25.00	0.4708E+000.2562E-01		129.55	0.1668E+04	1.00	0.51	-1.98	2.38	0.2933E+07	0.6939E+04	569.50	6.94
30.00	0.7035E+000.3448E-01		130.80	0.1521E+04	1.00	0.65	-4.44	0.00	0.3401E+07	0.9582E+04	709.40	10.17
35.00	0.7445E+000.3576E-01		131.22	0.1332E+04	1.00	0.77	-3.02	1.41	0.3647E+07	0.1330E+05	837.30	13.79
40.00	0.7846E+000.3620E-01		132.07	0.1163E+04	1.00	0.90	-3.31	1.01	0.3827E+07	0.1702E+05	965.30	17.61
45.00	0.7744E+000.3538E-01		132.29	0.9992E+03	1.00	1.02	-3.62	0.93	0.3821E+07	0.2131E+05	1073.00	21.51
50.00	0.7523E+000.3433E-01		132.32	0.9452E+03	1.01	1.15	-4.41	0.00	0.3759E+07	0.2584E+05	1183.00	25.33
55.00	0.7263E+000.3264E-01		132.65	0.7698E+03	1.02	1.29	-4.15	0.00	0.3657E+07	0.3059E+05	1301.00	29.02
60.00	0.7258E+000.3051E-01		134.19	0.6247E+03	1.03	1.46	-3.78	0.00	0.3496E+07	0.3556E+05	1435.00	32.65
62.00	0.7506E+000.2951E-01		135.83	0.5720E+03	1.04	1.53	-3.61	0.00	0.3395E+07	0.3763E+05	1497.00	34.13
64.00	0.7988E+000.2859E-01		138.34	0.5251E+03	1.04	1.62	-3.57	0.00	0.3282E+07	0.3975E+05	1569.00	35.68
66.00	0.8589E+000.2753E-01		141.60	0.4794E+03	1.05	1.71	-3.35	0.00	0.3151E+07	0.4195E+05	1647.00	37.34
68.00	0.9218E+000.2634E-01		145.39	0.4364E+03	1.05	1.80	-3.23	0.00	0.3003E+07	0.4423E+05	1729.00	39.12
70.00	0.9860E+000.2505E-01		149.77	0.3950E+03	1.06	1.89	-3.01	0.00	0.2845E+07	0.4658E+05	1814.00	41.02
72.00	0.1050E+010.2366E-01		154.80	0.3555E+03	1.06	1.99	-2.69	0.00	0.2515E+07	0.5153E+05	1939.00	43.06
74.00	0.1123E+010.2218E-01		161.03	0.3180E+03	1.07	2.10	-2.41	0.00	0.2341E+07	0.5413E+05	2100.00	45.23
76.00	0.1268E+010.2062E-01		168.51	0.2831E+03	1.08	2.21	-2.14	0.00	0.2152E+07	0.5681E+05	2206.00	47.56
78.00	0.1337E+010.1911E-01		176.77	0.2509E+03	1.08	2.32	-1.73	0.00	0.1941E+07	0.5957E+05	2313.00	50.02
80.00	0.1422E+010.1753E-01		186.68	0.2169E+03	1.10	2.42	-0.05	-3.01	0.1755E+07	0.6241E+05	2423.00	52.63
82.00	0.1471E+010.1602E-01		196.51	0.1926E+03	1.10	2.53	-0.17	-1.73	0.1755E+07	0.6532E+05	2539.00	55.34
84.00	0.1453E+010.1467E-01		207.31	0.1728E+03	1.10	2.64	-0.98	0.00	0.1574E+07	0.6831E+05	2656.00	58.14
86.00	0.1481E+010.1338E-01		219.06	0.1530E+03	1.10	2.75	-1.27	0.00	0.1402E+07	0.7139E+05	2777.00	61.02
88.00	0.1471E+010.1213E-01		231.70	0.1343E+03	1.10	2.87	-1.57	0.00	0.1244E+07	0.7454E+05	2901.00	63.94
90.00	0.1481E+010.1099E-01		245.09	0.1185E+03	1.11	2.98	-1.62	0.00	0.1100E+07	0.7777E+05	3025.00	66.90
92.00	0.1535E+010.1032E-01		259.13	0.1043E+03	1.15	3.10	-1.64	0.00	0.9720E+06	0.8108E+05	3154.00	69.91
94.00	0.1594E+010.9739E-02		274.08	0.9188E+02	1.21	3.22	-1.63	0.00	0.8583E+06	0.8446E+05	3286.00	73.04
96.00	0.1642E+010.9143E-02		289.96	0.8059E+02	1.27	3.35	-1.62	0.00	0.7572E+06	0.8446E+05	3286.00	76.28

SUMMARY TABLE FOR BODY POINT 1036
XB=1896.0 THETAB= 50.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1695E+000.1251E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.85
15.00	0.2871E+000.1965E-01		125.01	0.1932E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	1.99
20.00	0.4055E+000.2555E-01		126.27	0.1841E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.72
25.00	0.5202E+000.3039E-01		127.52	0.1686E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6293E+04	569.50	6.03
30.00	0.6353E+000.3420E-01		128.98	0.1548E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	8.92
35.00	0.6834E+000.3557E-01		129.61	0.1366E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.22
40.00	0.7101E+000.3624E-01		130.57	0.1207E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	15.76
45.00	0.7541E+000.3677E-01		130.91	0.1064E+04	0.99	1.02	-3.95	0.00	0.3821E+07	0.2131E+05	1073.00	19.47
50.00	0.7373E+000.3483E-01		131.57	0.1165E+04	0.96	1.15	-2.76	-1.01	0.3759E+07	0.2584E+05	1183.00	23.20
55.00	0.7075E+000.3309E-01		131.78	0.9559E+03	0.94	1.29	-2.82	0.00	0.3657E+07	0.3059E+05	1301.00	26.81
60.00	0.7152E+000.3050E-01		133.85	0.7914E+03	0.91	1.46	-2.28	0.00	0.3496E+07	0.3556E+05	1435.00	30.37
62.00	0.7475E+000.2933E-01		135.88	0.7310E+03	0.90	1.53	-1.85	0.00	0.3395E+07	0.3763E+05	1497.00	31.83
64.00	0.8026E+000.2837E-01		138.69	0.6843E+03	0.89	1.62	-3.57	0.00	0.3282E+07	0.3975E+05	1569.00	33.38
66.00	0.8729E+000.2722E-01		142.47	0.6336E+03	0.88	1.71	-3.35	0.00	0.3151E+07	0.4195E+05	1647.00	35.05
68.00	0.9462E+000.2601E-01		146.79	0.5852E+03	0.87	1.80	-3.23	0.00	0.3003E+07	0.4423E+05	1729.00	36.87
70.00	0.1021E+010.2475E-01		151.67	0.5388E+03	0.86	1.89	-3.01	0.00	0.2845E+07	0.4658E+05	1814.00	38.84
72.00	0.1096E+010.2346E-01		157.13	0.4944E+03	0.85	1.99	-2.69	0.00	0.2681E+07	0.4907E+05	1904.00	40.96
74.00	0.1174E+010.2217E-01		163.35	0.4528E+03	0.84	2.10	-2.41	0.00	0.2515E+07	0.5153E+05	1999.00	43.23
76.00	0.1250E+010.2072E-01		170.75	0.4128E+03	0.83	2.21	-2.14	0.00	0.2341E+07	0.5413E+05	2100.00	45.65
78.00	0.1333E+010.1950E-01		178.75	0.3756E+03	0.82	2.32	-1.73	0.00	0.2152E+07	0.5681E+05	2206.00	48.23
80.00	0.1401E+010.1799E-01		188.28	0.3376E+03	0.81	2.42	-1.04	0.00	0.1941E+07	0.5957E+05	2313.00	50.97
82.00	0.1458E+010.1660E-01		198.22	0.3044E+03	0.80	2.53	-0.76	0.00	0.1755E+07	0.6241E+05	2423.00	53.83
84.00	0.1510E+010.1527E-01		209.30	0.2745E+03	0.79	2.64	-0.98	0.00	0.1574E+07	0.6532E+05	2539.00	56.80
86.00	0.1551E+010.1400E-01		221.17	0.2468E+03	0.79	2.75	-1.27	0.00	0.1402E+07	0.6831E+05	2656.00	59.86
88.00	0.1580E+010.1279E-01		233.89	0.2203E+03	0.78	2.87	-1.57	0.00	0.1244E+07	0.7139E+05	2777.00	62.99
90.00	0.1603E+010.1171E-01		247.32	0.1976E+03	0.77	2.98	-1.62	0.00	0.1100E+07	0.7454E+05	2901.00	66.17
92.00	0.1533E+010.1016E-01		261.36	0.1766E+03	0.73	3.10	-1.07	0.00	0.9720E+06	0.7777E+05	3025.00	69.31
94.00	0.1451E+010.8752E-02		276.23	0.1569E+03	0.68	3.22	-0.96	-2.47	0.8583E+06	0.8108E+05	3154.00	72.29
96.00	0.1430E+010.7835E-02		292.95	0.1541E+03	0.64	3.35	-0.98	4.87	0.7572E+06	0.8446E+05	3286.00	75.17

SUMMARY TABLE FOR BODY POINT 1061
XB=1849.3 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.7761E+000.1240E-01		124.60	0.2030E+04	1.00	0.16	-1.42	0.58	0.1126E+07	0.1350E+04	183.10	0.88
15.00	0.3287E+000.1903E-01		127.67	0.1931E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2829E+04	306.30	2.14
20.00	0.4583E+000.2493E-01		128.78	0.1842E+04	1.00	0.39	0.48	2.94	0.2391E+07	0.4296E+04	429.50	4.11
25.00	0.5655E+000.3003E-01		129.23	0.1689E+04	1.00	0.51	-1.98	2.38	0.2933E+07	0.6939E+04	569.50	6.67
30.00	0.6828E+000.3395E-01		130.51	0.1552E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.79
35.00	0.7386E+000.3538E-01		131.28	0.1373E+04	1.00	0.77	-3.96	2.82	0.3647E+07	0.1330E+05	837.30	13.34
40.00	0.7715E+000.3620E-01		131.71	0.1213E+04	1.00	0.90	-3.48	2.02	0.3827E+07	0.1702E+05	965.30	17.12
45.00	0.7704E+000.3585E-01		131.89	0.1062E+04	0.98	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	20.97
50.00	0.7105E+000.3190E-01		132.67	0.1186E+04	0.88	1.15	-4.41	2.02	0.3759E+07	0.2584E+05	1183.00	24.68
55.00	0.6331E+000.2792E-01		133.08	0.9689E+03	0.79	1.29	-4.15	2.12	0.3657E+07	0.3059E+05	1301.00	28.04
60.00	0.5801E+000.2376E-01		134.82	0.8043E+03	0.71	1.46	-3.78	2.06	0.3496E+07	0.3556E+05	1435.00	31.07
62.00	0.5864E+000.2289E-01		136.02	0.7248E+03	0.70	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	32.23
64.00	0.6032E+000.2137E-01		138.63	0.6722E+03	0.67	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	33.42
66.00	0.6336E+000.1980E-01		142.41	0.6221E+03	0.64	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	34.66
68.00	0.6642E+000.1829E-01		146.72	0.5742E+03	0.61	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	35.96
70.00	0.6931E+000.1682E-01		151.60	0.5288E+03	0.59	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	37.32
72.00	0.7181E+000.1539E-01		157.07	0.4858E+03	0.56	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	38.73
74.00	0.7433E+000.1406E-01		163.29	0.4453E+03	0.53	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	40.19
76.00	0.7641E+000.1263E-01		170.91	0.4057E+03	0.51	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	41.70
78.00	0.7893E+000.1156E-01		178.69	0.3706E+03	0.49	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	43.25
80.00	0.7998E+000.1027E-01		188.24	0.3347E+03	0.46	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	44.84
82.00	0.8140E+000.9272E-02		198.19	0.3023E+03	0.45	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	46.45
84.00	0.8378E+000.8475E-02		209.26	0.2719E+03	0.44	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	48.10
86.00	0.8593E+000.7762E-02		221.10	0.2436E+03	0.44	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	49.80
88.00	0.8722E+000.7069E-02		233.77	0.2166E+03	0.43	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	51.53
90.00	0.8684E+000.6347E-02		247.21	0.1948E+03	0.42	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	53.27
92.00	0.9072E+000.6013E-02		261.28	0.1748E+03	0.43	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	55.05
94.00	0.9538E+000.5751E-02		276.23	0.1569E+03	0.45	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	56.91
96.00	0.9908E+000.5452E-02		292.14	0.1400E+03	0.46	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	58.85

SUMMARY TABLE FOR BODY POINT 1074
XB=1849.3 THETAB= 135.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1752E+000.1243E-01		124.50	0.2030E+04	1.00	0.16	0.11	0.58	0.1128E+07	0.1350E+04	183.10	0.88
15.00	0.3310E+000.1900E-01		127.82	0.1931E+04	1.00	0.27	0.90	3.23	0.1788E+07	0.2823E+04	306.30	2.14
20.00	0.4562E+000.2496E-01		128.68	0.1842E+04	1.00	0.39	1.54	2.94	0.2391E+07	0.4296E+04	429.50	4.11
25.00	0.5744E+000.2994E-01		129.58	0.1690E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.69
30.00	0.6427E+000.3428E-01		129.15	0.1549E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.73
35.00	0.6860E+000.3571E-01		129.61	0.1366E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	13.05
40.00	0.7338E+000.3637E-01		130.57	0.1207E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	16.60
45.00	0.7523E+000.3674E-01		130.88	0.1053E+04	0.99	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	20.32
50.00	0.7438E+000.3494E-01		131.68	0.1157E+04	0.96	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	24.06
55.00	0.7002E+000.3243E-01		131.99	0.9441E+03	0.92	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	27.67
60.00	0.6882E+000.2915E-01		134.01	0.7831E+03	0.87	1.46	-3.78	0.00	0.3496E+07	0.3556E+05	1435.00	31.14
64.00	0.7102E+000.2772E-01		136.02	0.7248E+03	0.85	1.53	-3.61	0.00	0.3395E+07	0.3763E+05	1497.00	32.53
66.00	0.7480E+000.2650E-01		138.63	0.6722E+03	0.84	1.62	-3.57	0.00	0.3282E+07	0.3975E+05	1569.00	33.99
68.00	0.7994E+000.2498E-01		142.41	0.6221E+03	0.81	1.71	-3.35	0.00	0.3151E+07	0.4195E+05	1647.00	35.54
70.00	0.8541E+000.2352E-01		146.72	0.5742E+03	0.79	1.80	-3.23	0.00	0.3003E+07	0.4423E+05	1729.00	37.19
72.00	0.9027E+000.2191E-01		151.60	0.5288E+03	0.77	1.89	-3.01	0.00	0.2845E+07	0.4658E+05	1814.00	38.95
74.00	0.9418E+000.2018E-01		157.07	0.4858E+03	0.73	1.99	-2.69	0.00	0.2681E+07	0.4902E+05	1904.00	40.80
76.00	0.9796E+000.1852E-01		163.29	0.4453E+03	0.70	2.10	-2.41	0.00	0.2515E+07	0.5153E+05	1999.00	42.72
78.00	0.1008E+010.1666E-01		170.91	0.4057E+03	0.67	2.21	-2.14	0.00	0.2341E+07	0.5413E+05	2100.00	44.70
80.00	0.1008E+010.1295E-01		178.69	0.3706E+03	0.64	2.32	-1.73	0.00	0.2152E+07	0.5681E+05	2206.00	46.74
82.00	0.1004E+010.1143E-01		188.24	0.3347E+03	0.58	2.42	-1.04	0.00	0.1941E+07	0.5957E+05	2313.00	48.78
84.00	0.1044E+010.1056E-01		198.19	0.3023E+03	0.55	2.53	-0.76	0.00	0.1755E+07	0.6241E+05	2423.00	50.79
86.00	0.1087E+010.9821E-02		209.26	0.2719E+03	0.55	2.64	-0.98	0.00	0.1574E+07	0.6532E+05	2539.00	52.84
88.00	0.1126E+010.9128E-02		221.10	0.2436E+03	0.55	2.75	-1.27	0.00	0.1402E+07	0.6831E+05	2656.00	54.97
90.00	0.1137E+010.8310E-02		233.77	0.2166E+03	0.56	2.87	-1.57	0.00	0.1244E+07	0.7139E+05	2777.00	57.19
92.00	0.1181E+010.7826E-02		247.21	0.1948E+03	0.55	2.98	-1.62	0.00	0.1100E+07	0.7454E+05	2901.00	59.45
94.00	0.1227E+010.7401E-02		261.28	0.1748E+03	0.56	3.10	-1.64	0.00	0.9720E+06	0.7777E+05	3025.00	61.77
96.00	0.1261E+010.6940E-02		276.23	0.1599E+03	0.57	3.22	-1.63	0.00	0.8563E+06	0.8108E+05	3154.00	64.18
			292.14	0.1400E+03	0.59	3.35	-1.62	0.00	0.7572E+06	0.8446E+05	3286.00	66.67

SUMMARY TABLE FOR BODY POINT 1134
XB=1869.4 THETAB= 315.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1699E+000.1253E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.85
15.00	0.2877E+000.1970E-01		125.01	0.1932E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	1.99
20.00	0.4064E+000.2561E-01		126.27	0.1841E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.73
25.00	0.5213E+000.3045E-01		127.52	0.1686E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.05
30.00	0.6366E+000.3427E-01		128.98	0.1548E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	8.94
35.00	0.6849E+000.3565E-01		129.61	0.1366E+04	1.00	0.77	-3.02	2.82	0.3847E+07	0.1330E+05	837.30	12.25
40.00	0.7326E+000.3631E-01		130.57	0.1207E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	15.79
45.00	0.7571E+000.3691E-01		130.91	0.1064E+04	1.00	1.02	-2.61	-0.93	0.3821E+07	0.2131E+05	1073.00	19.51
50.00	0.7455E+000.3558E-01		131.35	0.1190E+04	0.98	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	23.27
55.00	0.7312E+000.3438E-01		131.67	0.9706E+03	0.97	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	26.96
60.00	0.7573E+000.3253E-01		133.68	0.8008E+03	0.97	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	30.68
62.00	0.8023E+000.3170E-01		135.71	0.7387E+03	0.97	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	32.24
64.00	0.8773E+000.3101E-01		138.69	0.6843E+03	0.97	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	33.92
66.00	0.9711E+000.3028E-01		142.47	0.6329E+03	0.98	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	35.77
68.00	0.1073E+010.2949E-01		146.77	0.5834E+03	0.99	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	37.81
70.00	0.1179E+010.2857E-01		151.66	0.5372E+03	0.99	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	40.07
72.00	0.1288E+010.2758E-01		157.12	0.4936E+03	1.00	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	42.53
74.00	0.1407E+010.2658E-01		163.34	0.4524E+03	1.00	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	45.23
76.00	0.1516E+010.2514E-01		170.69	0.4152E+03	1.00	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	48.15
78.00	0.1642E+010.2402E-01		178.78	0.3784E+03	1.00	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	51.31
80.00	0.1766E+010.2266E-01		188.36	0.3440E+03	1.01	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	54.72
82.00	0.1869E+010.2125E-01		198.35	0.3131E+03	1.01	2.53	-0.17	-3.46	0.1755E+07	0.6241E+05	2423.00	58.35
84.00	0.1973E+010.1991E-01		209.54	0.2882E+03	1.00	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	62.19
86.00	0.2096E+010.1886E-01		221.53	0.2644E+03	1.02	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	66.26
88.00	0.2214E+010.1785E-01		234.43	0.2410E+03	1.03	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	70.57
90.00	0.2266E+010.1648E-01		247.91	0.2158E+03	1.03	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	75.05
92.00	0.2262E+010.1492E-01		262.00	0.1926E+03	1.02	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	79.58
94.00	0.2262E+010.1359E-01		276.92	0.1706E+03	1.01	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	84.11
96.00	0.2257E+010.1237E-01		292.89	0.1529E+03	1.00	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	88.63

SUMMARY TABLE FOR BODY POINT 1135
XB=1894.5 THETAB= 315.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1695E+000.1251E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.85
15.00	0.2871E+000.1966E-01		125.01	0.1932E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	1.99
20.00	0.4055E+000.2555E-01		126.27	0.1841E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.72
25.00	0.5202E+000.3039E-01		127.52	0.1686E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.03
30.00	0.6353E+000.3420E-01		128.98	0.1548E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	8.92
35.00	0.6835E+000.3558E-01		129.61	0.1366E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.22
40.00	0.7311E+000.3624E-01		130.57	0.1207E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	15.76
45.00	0.7546E+000.3680E-01		130.91	0.1064E+04	1.00	1.02	-2.61	-0.93	0.3821E+07	0.2131E+05	1073.00	19.47
50.00	0.7363E+000.3514E-01		131.35	0.1190E+04	0.97	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	23.20
55.00	0.7154E+000.3364E-01		131.67	0.9706E+03	0.95	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	26.83
60.00	0.7373E+000.3167E-01		133.68	0.8008E+03	0.94	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	30.46
62.00	0.7817E+000.3088E-01		135.71	0.7387E+03	0.95	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	31.98
64.00	0.8551E+000.3023E-01		138.69	0.6843E+03	0.95	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	33.62
66.00	0.9467E+000.2952E-01		142.47	0.6329E+03	0.96	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	35.42
68.00	0.1047E+010.2878E-01		146.77	0.5834E+03	0.96	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	37.41
70.00	0.1150E+010.2788E-01		151.66	0.5372E+03	0.97	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	39.61
72.00	0.1258E+010.2693E-01		157.12	0.4936E+03	0.98	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	42.02
74.00	0.1379E+010.2605E-01		163.34	0.4524E+03	0.99	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	44.65
76.00	0.1493E+010.2475E-01		170.75	0.4130E+03	0.99	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	47.53
78.00	0.1621E+010.2371E-01		178.76	0.3764E+03	0.99	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2206.00	50.64
80.00	0.1738E+010.2230E-01		188.32	0.3410E+03	1.00	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	54.00
82.00	0.1844E+010.2097E-01		198.34	0.3122E+03	1.00	2.53	0.12	-3.46	0.1755E+07	0.6241E+05	2423.00	57.58
84.00	0.1927E+010.1945E-01		209.48	0.2846E+03	0.99	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	61.35
86.00	0.1999E+010.1799E-01		221.49	0.2623E+03	0.98	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	65.28
88.00	0.2071E+010.1671E-01		234.38	0.2387E+03	0.97	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	69.35
90.00	0.2114E+010.1538E-01		247.84	0.2132E+03	0.97	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	73.53
92.00	0.2138E+010.1411E-01		261.92	0.1903E+03	0.97	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	77.78
94.00	0.2167E+010.1302E-01		276.92	0.1706E+03	0.97	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	82.09
96.00	0.2169E+010.1188E-01		292.89	0.1529E+03	0.97	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	86.43

SUMMARY TABLE FOR BODY POINT 1136
XB=1920.3 THETAB= 315.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ²)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1691E+000.1248E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.85
15.00	0.2865E+000.1962E-01		125.01	0.1932E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	1.98
20.00	0.4047E+000.2550E-01		126.27	0.1841E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4295E+04	429.50	3.71
25.00	0.5192E+000.3033E-01		127.52	0.1686E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.02
30.00	0.6341E+000.3414E-01		128.98	0.1548E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	8.91
35.00	0.6822E+000.3551E-01		129.61	0.1366E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.20
40.00	0.7297E+000.3617E-01		130.57	0.1207E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	15.73
45.00	0.7508E+000.3660E-01		130.92	0.1066E+04	0.99	1.02	-3.28	-0.93	0.3821E+07	0.2131E+05	1073.00	19.43
50.00	0.7355E+000.3465E-01		131.62	0.1161E+04	0.96	1.15	-2.76	2.02	0.3759E+07	0.2584E+05	1183.00	23.14
55.00	0.6980E+000.3242E-01		131.93	0.9473E+03	0.92	1.29	-2.82	2.12	0.3657E+07	0.3059E+05	1301.00	26.73
60.00	0.6972E+000.2955E-01		133.99	0.7840E+03	0.89	1.46	-2.28	2.06	0.3496E+07	0.3556E+05	1435.00	30.21
62.00	0.7241E+000.2826E-01		136.02	0.7248E+03	0.88	1.53	-1.85	1.90	0.3395E+07	0.3763E+05	1497.00	31.64
64.00	0.7690E+000.2721E-01		138.66	0.6787E+03	0.86	1.62	-3.57	1.82	0.3282E+07	0.3975E+05	1569.00	33.13
66.00	0.8323E+000.2598E-01		142.44	0.6279E+03	0.85	1.71	-3.35	1.80	0.3151E+07	0.4195E+05	1647.00	34.73
68.00	0.8979E+000.2470E-01		146.75	0.5796E+03	0.83	1.80	-3.23	1.78	0.3003E+07	0.4423E+05	1729.00	36.46
70.00	0.9659E+000.2343E-01		151.63	0.5330E+03	0.82	1.89	-3.01	1.86	0.2845E+07	0.4658E+05	1814.00	38.32
72.00	0.1034E+010.2214E-01		157.09	0.4884E+03	0.81	1.99	-2.69	1.94	0.2681E+07	0.4902E+05	1904.00	40.32
74.00	0.1106E+010.2091E-01		163.29	0.4463E+03	0.80	2.10	-2.41	2.12	0.2515E+07	0.5153E+05	1999.00	42.46
76.00	0.1178E+010.1947E-01		170.91	0.4057E+03	0.79	2.21	0.34	2.34	0.2341E+07	0.5413E+05	2100.00	44.75
78.00	0.1287E+010.1884E-01		178.69	0.3706E+03	0.80	2.32	0.79	0.00	0.2152E+07	0.5681E+05	2206.00	47.21
80.00	0.1378E+010.1770E-01		188.24	0.3347E+03	0.80	2.42	0.94	0.00	0.1941E+07	0.5957E+05	2313.00	49.88
82.00	0.1423E+010.1621E-01		198.19	0.3023E+03	0.79	2.53	-0.17	3.46	0.1755E+07	0.6241E+05	2423.00	52.68
84.00	0.1498E+010.1515E-01		209.26	0.2719E+03	0.79	2.64	-0.34	3.98	0.1574E+07	0.6532E+05	2539.00	55.60
86.00	0.1569E+010.1417E-01		221.10	0.2436E+03	0.80	2.75	-0.89	4.60	0.1402E+07	0.6831E+05	2656.00	58.67
88.00	0.1627E+010.1319E-01		233.77	0.2166E+03	0.81	2.87	-1.16	5.13	0.1244E+07	0.7139E+05	2777.00	61.86
90.00	0.1656E+010.1210E-01		247.21	0.1948E+03	0.80	2.98	-1.13	5.10	0.1100E+07	0.7454E+05	2901.00	65.15
92.00	0.1593E+010.1056E-01		261.28	0.1748E+03	0.76	3.10	-1.07	5.00	0.9720E+06	0.7777E+05	3025.00	68.39
94.00	0.1516E+010.9144E-02		276.23	0.1569E+03	0.71	3.22	-0.96	4.94	0.8583E+06	0.8108E+05	3154.00	71.50
96.00	0.1429E+010.7862E-02		292.14	0.1400E+03	0.67	3.35	-0.98	4.87	0.7572E+06	0.8446E+05	3286.00	74.45

SUMMARY TABLE FOR BODY POINT 1276
XB=1849.3 THETAB= 198.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1731E+000.1248E-01	124.27	0.2030E+04	1.00	0.16	0.11	-0.58	0.1126E+07	0.1350E+04	183.10	0.87	1000
15.00	0.3218E+000.1913E-01	127.22	0.1931E+04	1.00	0.27	1.36	-3.23	0.1788E+07	0.2823E+04	306.30	2.10	
20.00	0.4572E+000.2495E-01	128.73	0.1842E+04	1.00	0.39	2.08	-2.94	0.2391E+07	0.4296E+04	429.50	4.05	
25.00	0.5434E+000.3026E-01	128.36	0.1688E+04	1.00	0.51	-0.32	-4.75	0.2933E+07	0.6939E+04	569.50	6.55	
30.00	0.6377E+000.3433E-01	128.98	0.1548E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	9.50	
35.00	0.6860E+000.3571E-01	129.61	0.1366E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.81	
40.00	0.7338E+000.3637E-01	130.57	0.1207E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	16.36	
45.00	0.7541E+000.3683E-01	130.88	0.1053E+04	0.99	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	20.08	
50.00	0.7523E+000.3534E-01	131.68	0.1157E+04	0.97	1.15	-4.41	2.02	0.3759E+07	0.2584E+05	1183.00	23.85	
55.00	0.7184E+000.3328E-01	131.99	0.9441E+03	0.94	1.29	-4.15	2.12	0.3657E+07	0.3059E+05	1301.00	27.53	
60.00	0.7198E+000.3049E-01	134.01	0.7831E+03	0.91	1.46	-3.78	2.06	0.3496E+07	0.3556E+05	1435.00	31.12	
62.00	0.7488E+000.2923E-01	136.02	0.7248E+03	0.90	1.53	-3.61	1.90	0.3395E+07	0.3763E+05	1497.00	32.59	
64.00	0.7940E+000.2813E-01	138.63	0.6722E+03	0.89	1.62	-3.57	1.82	0.3282E+07	0.3975E+05	1569.00	34.13	
66.00	0.8589E+000.2683E-01	142.41	0.6221E+03	0.87	1.71	-3.35	1.80	0.3151E+07	0.4195E+05	1647.00	35.79	
68.00	0.9270E+000.2552E-01	146.72	0.5742E+03	0.86	1.80	-3.23	1.78	0.3003E+07	0.4423E+05	1729.00	37.57	
70.00	0.9941E+000.2413E-01	151.60	0.5288E+03	0.84	1.89	-3.01	1.86	0.2845E+07	0.4658E+05	1814.00	39.49	
72.00	0.1058E+010.2267E-01	157.07	0.4858E+03	0.83	1.99	-2.69	0.00	0.2681E+07	0.4902E+05	1904.00	41.54	
74.00	0.1129E+010.2135E-01	163.29	0.4453E+03	0.81	2.10	-2.41	0.00	0.2515E+07	0.5153E+05	1999.00	43.73	
76.00	0.1196E+010.1977E-01	170.91	0.4057E+03	0.80	2.21	-2.14	0.00	0.2341E+07	0.5413E+05	2100.00	46.06	
78.00	0.1284E+010.1888E-01	178.38	0.3756E+03	0.79	2.32	0.79	0.00	0.2152E+07	0.5681E+05	2206.00	48.54	
80.00	0.1358E+010.1752E-01	187.89	0.3401E+03	0.78	2.42	0.94	0.00	0.1941E+07	0.5957E+05	2313.00	51.18	
82.00	0.1392E+010.1588E-01	198.08	0.3044E+03	0.76	2.53	0.41	0.00	0.1755E+07	0.6241E+05	2423.00	53.93	
84.00	0.1431E+010.1447E-01	209.26	0.2719E+03	0.75	2.64	-0.98	0.00	0.1574E+07	0.6532E+05	2539.00	56.75	
86.00	0.1466E+010.1324E-01	221.10	0.2436E+03	0.75	2.75	-1.27	0.00	0.1402E+07	0.6831E+05	2656.00	59.65	
88.00	0.1491E+010.1209E-01	233.77	0.2166E+03	0.74	2.87	-1.57	0.00	0.1244E+07	0.7139E+05	2777.00	62.61	
90.00	0.1514E+010.1107E-01	247.21	0.1948E+03	0.73	2.98	-1.62	0.00	0.1100E+07	0.7454E+05	2901.00	65.61	
92.00	0.1606E+010.1064E-01	261.28	0.1748E+03	0.76	3.10	-1.64	0.00	0.09720E+06	0.7777E+05	3025.00	68.73	
94.00	0.1713E+010.1033E-01	276.23	0.1569E+03	0.80	3.22	-0.96	0.00	0.8583E+06	0.8108E+05	3154.00	72.05	
96.00	0.1814E+010.9984E-02	292.14	0.1400E+03	0.85	3.35	-0.98	0.00	0.7572E+06	0.8446E+05	3286.00	75.58	

SUMMARY TABLE FOR BODY POINT 1277
XB=1849.3 THETAB= 238.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1758E+000.1241E-01	124.57	0.2030E+04	0.11	1.00	0.16	0.11	-0.58	0.1126E+07	0.1350E+04	183.10	0.88
15.00	0.3318E+000.1899E-01	127.88	0.1931E+04	0.44	1.00	0.27	0.44	-3.23	0.1788E+07	0.2823E+04	306.30	2.15
20.00	0.4567E+000.2493E-01	128.80	0.1842E+04	1.01	1.00	0.39	1.01	-2.94	0.2391E+07	0.4296E+04	429.50	4.12
25.00	0.5766E+000.2992E-01	129.67	0.1690E+04	1.00	1.00	0.51	-1.98	-4.75	0.2933E+07	0.6939E+04	569.50	6.71
30.00	0.6633E+000.3411E-01	129.85	0.1551E+04	1.00	1.00	0.65	-3.24	-3.62	0.3401E+07	0.9582E+04	709.40	9.81
35.00	0.7008E+000.3561E-01	130.08	0.1368E+04	0.77	1.00	0.77	-3.02	-2.82	0.3647E+07	0.1330E+05	837.30	13.22
40.00	0.7381E+000.3635E-01	130.70	0.1208E+04	1.00	1.00	0.90	-2.79	-2.02	0.3827E+07	0.1702E+05	965.30	16.82
45.00	0.7482E+000.3654E-01	130.88	0.1053E+04	0.99	0.99	1.02	-2.61	1.87	0.3821E+07	0.2131E+05	1073.00	20.53
50.00	0.7146E+000.3357E-01	131.68	0.1157E+04	0.92	0.92	1.15	-2.76	2.02	0.3759E+07	0.2584E+05	1183.00	24.19
55.00	0.6564E+000.3040E-01	131.99	0.9441E+03	0.86	0.86	1.29	-2.82	2.12	0.3657E+07	0.3059E+05	1301.00	27.62
60.00	0.6351E+000.2690E-01	134.01	0.7831E+03	0.81	0.81	1.46	-2.28	2.06	0.3496E+07	0.3556E+05	1435.00	30.85
62.00	0.6500E+000.2537E-01	136.02	0.7248E+03	0.78	0.78	1.53	-1.85	1.90	0.3395E+07	0.3763E+05	1497.00	32.13
64.00	0.6775E+000.2400E-01	138.63	0.6722E+03	0.76	0.76	1.62	-1.43	1.82	0.3282E+07	0.3975E+05	1569.00	33.46
66.00	0.7252E+000.2266E-01	142.41	0.6221E+03	0.74	0.74	1.71	-1.07	1.80	0.3151E+07	0.4195E+05	1647.00	34.86
68.00	0.7739E+000.2131E-01	146.72	0.5742E+03	0.72	0.72	1.80	-0.68	1.78	0.3003E+07	0.4423E+05	1729.00	36.36
70.00	0.8283E+000.2010E-01	151.60	0.5288E+03	0.70	0.70	1.89	-0.46	1.86	0.2845E+07	0.4658E+05	1814.00	37.96
72.00	0.8836E+000.1893E-01	157.07	0.4858E+03	0.69	0.69	1.99	-0.26	1.94	0.2681E+07	0.4902E+05	1904.00	39.68
74.00	0.9517E+000.1799E-01	163.29	0.4453E+03	0.68	0.68	2.10	0.05	2.12	0.2515E+07	0.5153E+05	1999.00	41.51
76.00	0.1021E+010.1688E-01	170.91	0.4057E+03	0.68	0.68	2.21	0.34	2.34	0.2341E+07	0.5413E+05	2100.00	43.48
78.00	0.1112E+010.1628E-01	178.69	0.3706E+03	0.69	0.69	2.32	0.79	2.61	0.2152E+07	0.5681E+05	2206.00	45.62
80.00	0.1206E+010.1550E-01	188.24	0.3347E+03	0.70	0.70	2.42	0.44	3.01	0.1941E+07	0.5957E+05	2313.00	47.94
82.00	0.1306E+010.1487E-01	198.19	0.3023E+03	0.72	0.72	2.53	0.12	3.46	0.1755E+07	0.6241E+05	2423.00	50.45
84.00	0.1404E+010.1420E-01	209.26	0.2719E+03	0.74	0.74	2.64	-0.34	3.98	0.1574E+07	0.6532E+05	2539.00	53.16
86.00	0.1495E+010.1351E-01	221.10	0.2436E+03	0.76	0.76	2.75	-0.89	4.60	0.1402E+07	0.6831E+05	2656.00	56.06
88.00	0.1579E+010.1280E-01	233.77	0.2166E+03	0.78	0.78	2.87	-1.16	5.13	0.1244E+07	0.7139E+05	2777.00	59.13
90.00	0.1605E+010.1173E-01	247.21	0.1948E+03	0.77	0.77	2.98	-1.13	5.10	0.1100E+07	0.7454E+05	2901.00	62.31
92.00	0.1677E+010.1111E-01	261.28	0.1748E+03	0.80	0.80	3.10	-1.07	5.00	0.9720E+06	0.7777E+05	3025.00	65.60
94.00	0.1772E+010.1069E-01	276.23	0.1569E+03	0.83	0.83	3.22	-0.96	4.94	0.8583E+06	0.8108E+05	3154.00	69.04
96.00	0.1843E+010.1014E-01	292.14	0.1400E+03	0.86	0.86	3.35	-0.98	4.87	0.7572E+06	0.8446E+05	3286.00	72.66

SUMMARY TABLE FOR BODY POINT 1280
XB=1873.5 THETAB= 198.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1698E+000.1253E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.85
15.00	0.2876E+000.1969E-01		125.01	0.1932E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	1.99
20.00	0.4062E+000.2560E-01		126.27	0.1841E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.73
25.00	0.5211E+000.3044E-01		127.52	0.1686E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.05
30.00	0.6364E+000.3426E-01		128.98	0.1548E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	8.94
35.00	0.6846E+000.3564E-01		129.61	0.1366E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.9582E+04	837.30	12.24
40.00	0.7323E+000.3630E-01		130.57	0.1207E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	15.78
45.00	0.7502E+000.3664E-01		130.88	0.1053E+04	0.99	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	19.49
50.00	0.7393E+000.3473E-01		131.68	0.1157E+04	0.96	1.15	-4.41	2.02	0.3759E+07	0.2584E+05	1183.00	23.21
55.00	0.6991E+000.3238E-01		131.99	0.9441E+03	0.92	1.29	-4.15	2.12	0.3657E+07	0.3059E+05	1301.00	26.81
60.00	0.6883E+000.2916E-01		134.01	0.7831E+03	0.88	1.46	-3.78	2.06	0.3496E+07	0.3556E+05	1435.00	30.28
62.00	0.7039E+000.2747E-01		136.02	0.7248E+03	0.85	1.53	-3.61	1.90	0.3395E+07	0.3763E+05	1497.00	31.67
64.00	0.7359E+000.2607E-01		138.63	0.6722E+03	0.82	1.62	-3.57	1.82	0.3282E+07	0.3975E+05	1569.00	33.11
66.00	0.7874E+000.2460E-01		142.41	0.6221E+03	0.80	1.71	-3.35	1.80	0.3151E+07	0.4195E+05	1647.00	34.63
68.00	0.8406E+000.2314E-01		146.72	0.5742E+03	0.78	1.80	-3.23	1.78	0.3003E+07	0.4423E+05	1729.00	36.26
70.00	0.8992E+000.2182E-01		151.60	0.5288E+03	0.76	1.89	-3.01	1.86	0.2845E+07	0.4658E+05	1814.00	38.00
72.00	0.9542E+000.2045E-01		157.07	0.4858E+03	0.75	1.99	-2.69	1.94	0.2681E+07	0.4902E+05	1904.00	39.85
74.00	0.1020E+010.1929E-01		163.29	0.4453E+03	0.74	2.10	-2.41	2.12	0.2515E+07	0.5153E+05	1999.00	41.83
76.00	0.1085E+010.1793E-01		170.91	0.4057E+03	0.73	2.21	-2.14	2.34	0.2341E+07	0.5413E+05	2100.00	43.93
78.00	0.1157E+010.1694E-01		178.69	0.3706E+03	0.72	2.32	-1.73	2.61	0.2152E+07	0.5681E+05	2206.00	46.18
80.00	0.1196E+010.1536E-01		188.24	0.3347E+03	0.69	2.42	-1.04	3.01	0.1941E+07	0.5957E+05	2313.00	48.53
82.00	0.1250E+010.1424E-01		198.19	0.3023E+03	0.69	2.53	-0.76	3.46	0.1755E+07	0.6241E+05	2423.00	50.98
84.00	0.1370E+010.1386E-01		209.26	0.2719E+03	0.72	2.64	-0.98	3.98	0.1574E+07	0.6532E+05	2539.00	53.59
86.00	0.1526E+010.1379E-01		221.10	0.2436E+03	0.78	2.75	-1.27	4.60	0.1402E+07	0.6831E+05	2656.00	56.99
88.00	0.1690E+010.1370E-01		233.77	0.2166E+03	0.84	2.87	-1.57	5.13	0.1244E+07	0.7139E+05	2777.00	59.71
90.00	0.1730E+010.1265E-01		247.21	0.1948E+03	0.84	2.98	-1.62	5.10	0.1100E+07	0.7454E+05	2901.00	63.13
92.00	0.1818E+010.1205E-01		261.28	0.1748E+03	0.86	3.10	-1.64	5.00	0.9720E+06	0.7777E+05	3025.00	66.68
94.00	0.1922E+010.1159E-01		276.23	0.1569E+03	0.90	3.22	-1.63	4.94	0.8583E+06	0.8108E+05	3154.00	70.42
96.00	0.2007E+010.1104E-01		292.14	0.1400E+03	0.94	3.35	-1.62	4.87	0.7572E+06	0.8446E+05	3286.00	74.35

SUMMARY TABLE FOR BODY POINT 1281
XB=1873.5 THETAB= 238.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1698E+000.1253E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.85
15.00	0.2876E+000.1969E-01		125.01	0.1932E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	1.99
20.00	0.4062E+000.2560E-01		126.27	0.1841E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.73
25.00	0.5211E+000.3044E-01		127.52	0.1686E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.05
30.00	0.6364E+000.3426E-01		128.98	0.1548E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	8.94
35.00	0.6846E+000.3564E-01		129.61	0.1366E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.24
40.00	0.7323E+000.3630E-01		130.57	0.1207E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	15.78
45.00	0.7463E+000.3645E-01		130.88	0.1053E+04	0.99	1.02	-2.61	1.87	0.3821E+07	0.2131E+05	1073.00	19.48
50.00	0.7113E+000.3342E-01		131.68	0.1157E+04	0.92	1.15	-2.76	2.02	0.3759E+07	0.2584E+05	1183.00	23.12
55.00	0.6526E+000.3023E-01		131.99	0.9441E+03	0.86	1.29	-2.82	2.12	0.3657E+07	0.3059E+05	1301.00	26.53
60.00	0.6359E+000.2694E-01		134.01	0.7831E+03	0.81	1.46	-2.28	2.06	0.3496E+07	0.3556E+05	1435.00	29.76
62.00	0.6540E+000.2553E-01		136.02	0.7248E+03	0.79	1.53	-1.85	1.90	0.3395E+07	0.3763E+05	1497.00	31.05
64.00	0.6868E+000.2833E-01		138.63	0.6722E+03	0.77	1.62	-1.43	1.82	0.3282E+07	0.3975E+05	1569.00	32.39
66.00	0.7479E+000.2335E-01		142.44	0.6272E+03	0.76	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	33.82
68.00	0.8222E+000.2261E-01		146.76	0.5803E+03	0.76	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	35.39
70.00	0.9033E+000.2190E-01		151.65	0.5357E+03	0.76	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	37.12
72.00	0.9916E+000.2122E-01		157.12	0.4933E+03	0.77	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	39.01
74.00	0.1116E+010.2108E-01		163.36	0.4541E+03	0.79	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	41.12
76.00	0.1246E+010.2068E-01		170.66	0.4168E+03	0.82	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	43.48
78.00	0.1417E+010.2070E-01		178.82	0.3824E+03	0.86	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2206.00	46.14
80.00	0.1612E+010.2066E-01		188.41	0.3480E+03	0.91	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	49.17
82.00	0.1787E+010.2031E-01		198.39	0.3162E+03	0.96	2.53	0.41	-3.46	0.1755E+07	0.6241E+05	2423.00	52.57
84.00	0.1900E+010.1917E-01		209.50	0.2857E+03	0.97	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	56.26
86.00	0.1961E+010.1766E-01		221.42	0.2587E+03	0.96	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	60.12
88.00	0.2051E+010.1656E-01		234.25	0.2332E+03	0.98	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	64.13
90.00	0.2102E+010.1531E-01		247.69	0.2083E+03	0.98	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	68.28
92.00	0.2106E+010.1396E-01		261.28	0.1748E+03	1.00	3.10	-1.07	5.00	0.9720E+06	0.7777E+05	3025.00	72.49
94.00	0.2247E+010.1355E-01		276.23	0.1569E+03	1.05	3.22	-0.96	4.94	0.8583E+06	0.8108E+05	3154.00	76.85
96.00	0.2342E+010.1289E-01		292.14	0.1400E+03	1.10	3.35	-0.98	4.87	0.7572E+06	0.8446E+05	3286.00	81.43

SUMMARY TABLE FOR BODY POINT 1284
XB=1896.0 THETAB= 198.0

TRAJ. TIME (SEC)	DESIGN HTG. RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1695E+000.1251E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.85
15.00	0.2871E+000.1965E-01		125.01	0.1932E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	1.99
20.00	0.4055E+000.2555E-01		126.27	0.1841E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4295E+04	429.50	3.72
25.00	0.5202E+000.3039E-01		127.52	0.1686E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.03
30.00	0.6353E+000.3420E-01		128.98	0.1548E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	8.92
35.00	0.6834E+000.3557E-01		129.61	0.1366E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.22
40.00	0.7310E+000.3624E-01		130.57	0.1207E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	15.76
45.00	0.7468E+000.3647E-01		130.88	0.1053E+04	0.99	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	19.45
50.00	0.7234E+000.3398E-01		131.68	0.1157E+04	0.94	1.15	-4.41	2.02	0.3759E+07	0.2584E+05	1183.00	23.13
55.00	0.6747E+000.3125E-01		131.99	0.9441E+03	0.89	1.29	-4.15	2.12	0.3557E+07	0.3058E+05	1301.00	26.62
60.00	0.6572E+000.2784E-01		134.01	0.7831E+03	0.84	1.46	-3.78	2.06	0.3496E+07	0.3556E+05	1435.00	29.95
62.00	0.6698E+000.2614E-01		136.02	0.7248E+03	0.81	1.53	-3.61	1.90	0.3395E+07	0.3763E+05	1497.00	31.28
64.00	0.6965E+000.2467E-01		138.63	0.6722E+03	0.78	1.62	-3.57	1.82	0.3282E+07	0.3975E+05	1569.00	32.64
66.00	0.7447E+000.2327E-01		142.41	0.6221E+03	0.76	1.71	-3.35	1.80	0.3151E+07	0.4195E+05	1647.00	34.09
68.00	0.7932E+000.2184E-01		146.72	0.5742E+03	0.74	1.80	-3.23	1.78	0.3003E+07	0.4423E+05	1729.00	35.62
70.00	0.8499E+000.2063E-01		151.60	0.5288E+03	0.72	1.89	-3.01	1.86	0.2845E+07	0.4658E+05	1814.00	37.27
72.00	0.9069E+000.1943E-01		157.07	0.4858E+03	0.71	1.99	-2.69	1.94	0.2681E+07	0.4902E+05	1904.00	39.02
74.00	0.9746E+000.1843E-01		163.29	0.4453E+03	0.70	2.10	-2.41	2.12	0.2515E+07	0.5153E+05	1999.00	40.90
76.00	0.1043E+010.1723E-01		170.91	0.4057E+03	0.70	2.21	-2.14	2.34	0.2341E+07	0.5413E+05	2100.00	42.92
78.00	0.1124E+010.1646E-01		178.69	0.3706E+03	0.70	2.32	-1.73	2.61	0.2152E+07	0.5681E+05	2206.00	45.09
80.00	0.1188E+010.1527E-01		188.24	0.3347E+03	0.69	2.42	-1.04	3.01	0.1941E+07	0.5957E+05	2313.00	47.40
82.00	0.1246E+010.1419E-01		198.19	0.3023E+03	0.69	2.53	-0.76	3.46	0.1755E+07	0.6241E+05	2423.00	49.84
84.00	0.1341E+010.1357E-01		209.26	0.2719E+03	0.71	2.64	-0.98	3.98	0.1574E+07	0.6532E+05	2539.00	52.42
86.00	0.1463E+010.1322E-01		221.10	0.2436E+03	0.75	2.75	-1.27	4.60	0.1402E+07	0.6831E+05	2656.00	55.23
88.00	0.1594E+010.1292E-01		233.77	0.2166E+03	0.79	2.87	-1.57	5.13	0.1244E+07	0.7139E+05	2777.00	58.28
90.00	0.1626E+010.1188E-01		247.21	0.1948E+03	0.79	2.98	-1.62	5.10	0.1100E+07	0.7454E+05	2901.00	61.50
92.00	0.1716E+010.1138E-01		261.28	0.1748E+03	0.82	3.10	-1.64	5.00	0.9720E+06	0.7777E+05	3025.00	64.85
94.00	0.1827E+010.1102E-01		276.23	0.1569E+03	0.86	3.22	-1.63	4.94	0.8583E+06	0.8108E+05	3154.00	68.39
96.00	0.1923E+010.1058E-01		292.14	0.1400E+03	0.90	3.35	-1.62	4.87	0.7572E+06	0.8446E+05	3286.00	72.14

SUMMARY TABLE FOR BODY POINT 1288
XB=1920.3 THETAB= 198.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1691E+000.1248E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.85
15.00	0.2865E+000.1962E-01		125.01	0.1932E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	1.98
20.00	0.4047E+000.2550E-01		126.27	0.1841E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.71
25.00	0.5192E+000.3033E-01		127.52	0.1686E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.02
30.00	0.6341E+000.3414E-01		128.98	0.1548E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	8.91
35.00	0.6822E+000.3551E-01		129.61	0.1366E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.20
40.00	0.7297E+000.3617E-01		130.57	0.1207E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	15.73
45.00	0.7428E+000.3628E-01		130.88	0.1053E+04	0.99	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	19.41
50.00	0.7083E+000.3328E-01		131.68	0.1157E+04	0.92	1.15	-4.41	2.02	0.3759E+07	0.2584E+05	1183.00	23.04
55.00	0.6498E+000.3010E-01		131.99	0.9441E+03	0.86	1.29	-4.15	2.12	0.3657E+07	0.3059E+05	1301.00	26.43
60.00	0.6183E+000.2619E-01		134.01	0.7831E+03	0.79	1.46	-3.78	2.06	0.3496E+07	0.3556E+05	1435.00	29.60
62.00	0.6210E+000.2424E-01		136.02	0.7248E+03	0.75	1.53	-3.61	1.90	0.3395E+07	0.3763E+05	1497.00	30.84
64.00	0.6378E+000.2259E-01		138.63	0.6722E+03	0.72	1.62	-3.57	1.82	0.3282E+07	0.3975E+05	1569.00	32.10
66.00	0.6725E+000.2101E-01		142.41	0.6221E+03	0.69	1.71	-3.35	1.80	0.3151E+07	0.4195E+05	1647.00	33.41
68.00	0.7070E+000.1947E-01		146.72	0.5742E+03	0.66	1.80	-3.23	1.78	0.3003E+07	0.4423E+05	1729.00	34.79
70.00	0.7487E+000.1817E-01		151.60	0.5288E+03	0.64	1.89	-3.01	1.86	0.2845E+07	0.4658E+05	1814.00	36.24
72.00	0.7874E+000.1687E-01		157.07	0.4858E+03	0.62	1.99	-2.69	1.94	0.2681E+07	0.4902E+05	1904.00	37.78
74.00	0.8366E+000.1582E-01		163.29	0.4453E+03	0.60	2.10	-2.41	2.12	0.2515E+07	0.5153E+05	1999.00	39.40
76.00	0.8847E+000.1462E-01		170.91	0.4057E+03	0.59	2.21	-2.14	2.34	0.2341E+07	0.5413E+05	2100.00	41.13
78.00	0.9383E+000.1374E-01		178.69	0.3706E+03	0.58	2.32	-1.73	2.61	0.2152E+07	0.5681E+05	2206.00	42.95
80.00	0.9615E+000.1235E-01		188.24	0.3347E+03	0.56	2.42	-1.04	3.01	0.1941E+07	0.5957E+05	2313.00	44.85
82.00	0.1000E+010.1139E-01		198.19	0.3023E+03	0.55	2.53	-0.76	3.46	0.1755E+07	0.6241E+05	2423.00	46.81
84.00	0.1102E+010.1114E-01		209.26	0.2719E+03	0.58	2.64	-0.98	3.98	0.1574E+07	0.6532E+05	2539.00	48.91
86.00	0.1242E+010.1122E-01		221.10	0.2436E+03	0.64	2.75	-1.27	4.60	0.1402E+07	0.6831E+05	2656.00	51.26
88.00	0.1391E+010.1128E-01		233.77	0.2166E+03	0.69	2.87	-1.57	5.13	0.1244E+07	0.7139E+05	2777.00	53.89
90.00	0.1416E+010.1035E-01		247.21	0.1948E+03	0.69	2.98	-1.62	5.10	0.1100E+07	0.7454E+05	2901.00	56.70
92.00	0.1494E+010.9905E-02		261.28	0.1748E+03	0.71	3.10	-1.64	5.00	0.9720E+06	0.7777E+05	3025.00	59.61
94.00	0.1591E+010.9593E-02		276.23	0.1569E+03	0.75	3.22	-1.63	4.94	0.8583E+06	0.8108E+05	3154.00	62.69
96.00	0.1672E+010.9201E-02		292.14	0.1400E+03	0.78	3.35	-1.62	4.87	0.7572E+06	0.8446E+05	3286.00	65.95

SUMMARY TABLE FOR BODY POINT 1289
XB=1920.3 THETAB= 238.0

TRAJ. TIME (SEC)	DESIGN HTG-RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HT/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1691E+000.1248E-01	123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.85	
15.00	0.2865E+000.1962E-01	125.01	0.1932E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	1.98	
20.00	0.4045E+000.2550E-01	126.27	0.1841E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.71	
25.00	0.5192E+000.3033E-01	127.52	0.1686E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.02	
30.00	0.6341E+000.3414E-01	128.98	0.1548E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	8.91	
35.00	0.6822E+000.3551E-01	129.61	0.1366E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.20	
40.00	0.7297E+000.3617E-01	130.57	0.1207E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	15.73	
45.00	0.7441E+000.3634E-01	130.88	0.1054E+04	0.99	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	19.41	
50.00	0.7055E+000.3319E-01	131.65	0.1159E+04	0.92	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	23.04	
55.00	0.6430E+000.2983E-01	131.95	0.9461E+03	0.85	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	26.41	
60.00	0.6448E+000.2738E-01	133.95	0.7862E+03	0.82	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	29.63	
62.00	0.6861E+000.2686E-01	135.95	0.7281E+03	0.83	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	30.96	
64.00	0.7484E+000.2649E-01	138.65	0.6763E+03	0.84	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	32.39	
66.00	0.8350E+000.2606E-01	142.44	0.6272E+03	0.85	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	33.97	
68.00	0.9347E+000.2571E-01	146.76	0.5803E+03	0.87	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	35.74	
70.00	0.1035E+010.2510E-01	151.65	0.5357E+03	0.88	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	37.71	
72.00	0.1143E+010.2447E-01	157.12	0.4933E+03	0.89	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	39.89	
74.00	0.1278E+010.2413E-01	163.36	0.4541E+03	0.91	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	42.31	
76.00	0.1373E+010.2278E-01	170.66	0.4168E+03	0.90	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	44.96	
78.00	0.1521E+010.2223E-01	178.81	0.3809E+03	0.93	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	47.86	
80.00	0.1671E+010.2143E-01	188.38	0.3456E+03	0.95	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	51.05	
82.00	0.1823E+010.2072E-01	198.38	0.3149E+03	0.98	2.53	0.12	-3.46	0.1755E+07	0.6241E+05	2423.00	54.54	
84.00	0.1913E+010.1930E-01	209.50	0.2857E+03	0.98	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	58.28	
86.00	0.1908E+010.1719E-01	221.42	0.2587E+03	0.94	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	62.10	
88.00	0.1948E+010.1573E-01	234.25	0.2332E+03	0.93	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	65.96	
90.00	0.1993E+010.1452E-01	247.69	0.2083E+03	0.93	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	69.90	
92.00	0.1821E+010.1203E-01	261.78	0.1866E+03	0.84	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	73.71	
94.00	0.1650E+010.9914E-02	276.80	0.1679E+03	0.75	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	77.18	
96.00	0.1449E+010.7944E-02	292.76	0.1502E+03	0.65	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	80.28	

SUMMARY TABLE FOR BODY POINT 4221
XB=1877.5 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	LOAD
10.00	0.1697E+000.1252E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.85
15.00	0.2875E+000.1969E-01		125.01	0.1932E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	1.99
20.00	0.4061E+000.2559E-01		126.27	0.1841E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.73
25.00	0.5209E+000.3043E-01		127.52	0.1686E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.04
30.00	0.6361E+000.3425E-01		128.98	0.1548E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	8.94
35.00	0.6844E+000.3562E-01		129.61	0.1366E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.24
40.00	0.7321E+000.3629E-01		130.57	0.1207E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	15.78
45.00	0.7458E+000.3638E-01		130.90	0.1061E+04	0.98	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	19.47
50.00	0.6983E+000.3281E-01		131.68	0.1157E+04	0.90	1.15	-4.41	0.00	0.3759E+07	0.2584E+05	1183.00	23.08
55.00	0.6285E+000.2911E-01		131.99	0.9441E+03	0.83	1.29	-4.15	0.00	0.3657E+07	0.3059E+05	1301.00	26.40
60.00	0.5953E+000.2521E-01		134.01	0.7831E+03	0.76	1.46	-3.78	0.00	0.3496E+07	0.3556E+05	1435.00	29.46
62.00	0.6064E+000.2367E-01		136.02	0.7248E+03	0.73	1.53	-3.61	0.00	0.3395E+07	0.3763E+05	1497.00	30.66
64.00	0.6274E+000.2222E-01		138.63	0.6722E+03	0.70	1.62	-3.57	0.00	0.3282E+07	0.3975E+05	1569.00	31.89
66.00	0.6640E+000.2075E-01		142.41	0.6221E+03	0.68	1.71	-3.35	0.00	0.3151E+07	0.4195E+05	1647.00	33.19
68.00	0.7008E+000.1929E-01		146.72	0.5742E+03	0.65	1.80	-3.23	0.00	0.3003E+07	0.4423E+05	1729.00	34.55
70.00	0.7367E+000.1788E-01		151.60	0.5288E+03	0.63	1.89	-3.01	0.00	0.2845E+07	0.4658E+05	1814.00	35.99
72.00	0.7702E+000.1651E-01		157.07	0.4858E+03	0.60	1.99	-2.69	0.00	0.2681E+07	0.4902E+05	1904.00	37.50
74.00	0.8034E+000.1519E-01		163.29	0.4453E+03	0.58	2.10	-2.41	0.00	0.2515E+07	0.5153E+05	1999.00	39.07
76.00	0.8318E+000.1375E-01		170.91	0.4057E+03	0.56	2.21	-2.14	0.00	0.2341E+07	0.5413E+05	2100.00	40.70
78.00	0.8676E+000.1270E-01		178.69	0.3706E+03	0.54	2.32	-1.73	0.00	0.2152E+07	0.5681E+05	2206.00	42.40
80.00	0.8924E+000.1146E-01		188.24	0.3347E+03	0.52	2.42	-1.04	0.00	0.1941E+07	0.5957E+05	2313.00	44.16
82.00	0.9083E+000.1035E-01		198.19	0.3023E+03	0.50	2.53	-0.76	0.00	0.1755E+07	0.6241E+05	2423.00	45.96
84.00	0.9203E+000.9309E-02		209.26	0.2719E+03	0.49	2.64	-0.98	0.00	0.1574E+07	0.6532E+05	2539.00	47.79
86.00	0.9245E+000.8351E-02		221.10	0.2436E+03	0.47	2.75	-1.27	0.00	0.1402E+07	0.6831E+05	2656.00	49.64
88.00	0.9225E+000.7477E-02		233.77	0.2166E+03	0.46	2.87	-1.57	0.00	0.1244E+07	0.7139E+05	2777.00	51.48
90.00	0.9201E+000.6725E-02		247.21	0.1948E+03	0.45	2.98	-1.62	0.00	0.1100E+07	0.7454E+05	2901.00	53.33
92.00	0.9405E+000.6233E-02		261.28	0.1748E+03	0.45	3.10	-1.64	0.00	0.9720E+06	0.7777E+05	3025.00	55.19
94.00	0.9631E+000.5807E-02		276.23	0.1569E+03	0.45	3.22	-1.63	0.00	0.8583E+06	0.8108E+05	3154.00	57.09
96.00	0.9765E+000.5373E-02		292.14	0.1400E+03	0.46	3.35	-1.62	0.00	0.7572E+06	0.8446E+05	3286.00	59.03

SUMMARY TABLE FOR BODY POINT 4222
XB=1877.5 THETAB= 135.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1697E+000.1252E-01	0.123.95	123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.85
15.00	0.2875E+000.1968E-01	125.01	125.01	0.1932E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	1.99
20.00	0.4061E+000.2559E-01	126.27	126.27	0.1841E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.73
25.00	0.5209E+000.3043E-01	127.52	127.52	0.1686E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.04
30.00	0.6361E+000.3425E-01	128.98	128.98	0.1548E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	8.94
35.00	0.6844E+000.3562E-01	129.61	129.61	0.1366E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.24
40.00	0.7321E+000.3629E-01	130.57	130.57	0.1207E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	15.78
45.00	0.7516E+000.3671E-01	130.88	130.88	0.1053E+04	0.99	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	19.49
50.00	0.7499E+000.3523E-01	131.68	131.68	0.1157E+04	0.97	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	23.24
55.00	0.7112E+000.3294E-01	131.99	131.99	0.9441E+03	0.94	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	26.89
60.00	0.7012E+000.2870E-01	134.01	134.01	0.7831E+03	0.89	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	30.42
62.00	0.7221E+000.2818E-01	136.02	136.02	0.7248E+03	0.87	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	31.85
64.00	0.7609E+000.2696E-01	138.63	138.63	0.6722E+03	0.85	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	33.33
66.00	0.8090E+000.2527E-01	142.41	142.41	0.6221E+03	0.82	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	34.90
68.00	0.8617E+000.2372E-01	146.72	146.72	0.5742E+03	0.80	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	36.57
70.00	0.9035E+000.2193E-01	151.60	151.60	0.5288E+03	0.77	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	38.34
72.00	0.9298E+000.1992E-01	157.07	157.07	0.4858E+03	0.73	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	40.17
74.00	0.9550E+000.1806E-01	163.29	163.29	0.4453E+03	0.69	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	42.06
76.00	0.9700E+000.1603E-01	170.91	170.91	0.4057E+03	0.65	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	43.98
78.00	0.9712E+000.1422E-01	178.69	178.69	0.3706E+03	0.60	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	45.92
80.00	0.9128E+000.1173E-01	188.24	188.24	0.3347E+03	0.53	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	47.81
82.00	0.9148E+000.1042E-01	198.19	198.19	0.3023E+03	0.50	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	49.63
84.00	0.1003E+010.1014E-01	209.26	209.26	0.2719E+03	0.53	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	51.55
86.00	0.1105E+010.9980E-02	221.10	221.10	0.2436E+03	0.56	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	53.66
88.00	0.1194E+010.9677E-02	233.77	233.77	0.2166E+03	0.59	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	55.96
90.00	0.1208E+010.8828E-02	247.21	247.21	0.1948E+03	0.58	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	58.36
92.00	0.1288E+010.8536E-02	261.28	261.28	0.1748E+03	0.61	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	60.85
94.00	0.1384E+010.8348E-02	276.23	276.23	0.1569E+03	0.65	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	63.53
96.00	0.1470E+010.8086E-02	292.14	292.14	0.1400E+03	0.69	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	66.38

SUMMARY TABLE FOR BODY POINT 7445
XB=1854.7 THETAB= 18.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1701E+000.1255E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.85
15.00	0.2881E+000.1972E-01		125.01	0.1932E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.00
20.00	0.4069E+000.2564E-01		126.27	0.1841E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.73
25.00	0.5220E+000.3049E-01		127.52	0.1866E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6392E+04	569.50	6.06
30.00	0.6374E+000.3432E-01		128.98	0.1548E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	8.95
35.00	0.6858E+000.3570E-01		129.61	0.1366E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.26
40.00	0.7335E+000.3636E-01		130.57	0.1207E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	15.81
45.00	0.7610E+000.3710E-01		130.91	0.1066E+04	1.00	1.02	-3.62	-1.87	0.3821E+07	0.2131E+05	1073.00	19.55
50.00	0.7705E+000.3661E-01		131.45	0.1174E+04	1.01	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	23.38
55.00	0.7689E+000.3601E-01		131.75	0.9573E+03	1.02	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	27.22
60.00	0.8138E+000.3472E-01		133.84	0.7918E+03	1.04	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	31.18
62.00	0.8667E+000.3401E-01		135.89	0.7309E+03	1.04	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	32.86
64.00	0.9469E+000.3352E-01		138.65	0.6764E+03	1.06	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	34.67
66.00	0.1056E+010.3299E-01		142.42	0.6246E+03	1.07	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	36.68
68.00	0.1176E+010.3237E-01		146.72	0.5747E+03	1.09	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	38.91
70.00	0.1308E+010.3174E-01		151.60	0.5288E+03	1.11	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	41.39
72.00	0.1450E+010.3107E-01		157.07	0.4858E+03	1.13	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	44.15
74.00	0.1622E+010.3067E-01		163.29	0.4453E+03	1.17	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	47.22
76.00	0.1811E+010.2993E-01		170.91	0.4057E+03	1.21	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	50.66
78.00	0.2062E+010.3019E-01		178.69	0.3706E+03	1.27	2.32	0.79	-2.61	0.2152E+07	0.5681E+05	2206.00	54.53
80.00	0.2309E+010.2966E-01		188.24	0.3347E+03	1.34	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	58.90
82.00	0.2488E+010.2834E-01		198.19	0.3023E+03	1.37	2.53	0.41	-3.46	0.1755E+07	0.6241E+05	2423.00	63.70
84.00	0.2653E+010.2684E-01		209.26	0.2719E+03	1.40	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	68.84
86.00	0.2867E+010.2590E-01		221.10	0.2436E+03	1.46	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	74.36
88.00	0.3085E+010.2501E-01		233.77	0.2166E+03	1.53	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	80.31
90.00	0.3215E+010.2350E-01		247.21	0.1948E+03	1.55	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	86.61
92.00	0.3252E+010.2156E-01		261.28	0.1748E+03	1.54	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	93.08
94.00	0.3286E+010.1982E-01		276.23	0.1569E+03	1.54	3.22	-0.96	-4.94	0.8583E+06	0.8108E+05	3154.00	99.62
96.00	0.3281E+010.1806E-01		292.14	0.1400E+03	1.53	3.35	-0.98	-4.87	0.7572E+06	0.8446E+05	3286.00	106.18

SUMMARY TABLE FOR BODY POINT 7651
XB=1854.7 THETAB= 2.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1701E+000.1255E-01	123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.85	0.85 2.00 3.73 6.06 8.95 12.26 15.81 19.55 23.36 27.18 31.10 32.77 34.58 36.59 38.83 41.33 44.10 47.15 50.48 54.13 58.10 62.38 66.93 71.72 76.77 82.02 87.41 92.92 98.52
15.00	0.2881E+000.1972E-01	125.01	0.1932E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	2.00	
20.00	0.4069E+000.2564E-01	126.27	0.1841E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.73	
25.00	0.5220E+000.3049E-01	127.52	0.1686E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.06	
30.00	0.6374E+000.3432E-01	128.98	0.1548E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	8.95	
35.00	0.6858E+000.3570E-01	129.61	0.1366E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.26	
40.00	0.7335E+000.3636E-01	130.57	0.1207E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	15.81	
45.00	0.7614E+000.3712E-01	130.91	0.1066E+04	1.00	1.02	-2.94	-1.87	0.3821E+07	0.2131E+05	1073.00	19.55	
50.00	0.7644E+000.3646E-01	131.37	0.1180E+04	1.01	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	23.36	
55.00	0.7613E+000.3580E-01	131.67	0.9620E+03	1.01	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	27.18	
60.00	0.8066E+000.3453E-01	133.76	0.7956E+03	1.03	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	31.10	
62.00	0.8632E+000.3396E-01	135.81	0.7341E+03	1.04	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	32.77	
64.00	0.9493E+000.3358E-01	138.67	0.6794E+03	1.06	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	34.58	
66.00	0.1061E+010.3312E-01	142.44	0.6275E+03	1.07	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	36.59	
68.00	0.1184E+010.3259E-01	146.74	0.5775E+03	1.09	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	38.83	
70.00	0.1314E+010.3187E-01	151.62	0.5308E+03	1.11	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	41.33	
72.00	0.1450E+010.3106E-01	157.07	0.4867E+03	1.13	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	44.10	
74.00	0.1601E+010.3028E-01	163.29	0.4453E+03	1.15	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	47.15	
76.00	0.1735E+010.2868E-01	170.91	0.4057E+03	1.16	2.21	0.34	-2.34	0.2341E+07	0.5413E+05	2100.00	50.48	
78.00	0.1910E+010.2797E-01	178.69	0.3706E+03	1.18	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	54.13	
80.00	0.2063E+010.2651E-01	188.24	0.3347E+03	1.20	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	58.10	
82.00	0.2211E+010.2518E-01	198.19	0.3023E+03	1.22	2.53	0.12	-3.46	0.1755E+07	0.6241E+05	2423.00	62.38	
84.00	0.2338E+010.2365E-01	209.27	0.2727E+03	1.23	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	66.93	
86.00	0.2461E+010.2222E-01	221.17	0.2465E+03	1.24	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	71.72	
88.00	0.2582E+010.2091E-01	233.89	0.2202E+03	1.27	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	76.77	
90.00	0.2668E+010.1949E-01	247.31	0.1974E+03	1.28	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	82.02	
92.00	0.2726E+010.1806E-01	261.39	0.1771E+03	1.28	3.10	-1.07	-5.00	0.9720E+06	0.7777E+05	3025.00	87.41	
94.00	0.2782E+010.1675E-01	276.43	0.1604E+03	1.29	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	92.92	
96.00	0.2816E+010.1547E-01	292.36	0.1434E+03	1.30	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	98.52	

SUMMARY TABLE FOR BODY POINT 8407
XB=1884.9 THETAB= 2.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	LOAD
10.00	0.1696E+000.1252E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.85
15.00	0.2873E+000.1967E-01		125.01	0.1932E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	1.99
20.00	0.4058E+000.2557E-01		126.27	0.1841E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.72
25.00	0.5206E+000.3041E-01		127.52	0.1686E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.04
30.00	0.6357E+000.3422E-01		128.98	0.1548E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	8.93
35.00	0.6839E+000.3560E-01		129.61	0.1366E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.23
40.00	0.7316E+000.3627E-01		130.57	0.1207E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	15.77
45.00	0.7569E+000.3690E-01		130.91	0.1066E+04	1.00	1.02	-2.94	-1.87	0.3821E+07	0.2131E+05	1073.00	19.49
50.00	0.7457E+000.3557E-01		131.37	0.1180E+04	0.98	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	23.25
55.00	0.7294E+000.3429E-01		131.67	0.9620E+03	0.97	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	26.93
60.00	0.7552E+000.3233E-01		133.76	0.7956E+03	0.97	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	30.64
62.00	0.7982E+000.3141E-01		135.81	0.7341E+03	0.96	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	32.20
64.00	0.8664E+000.3065E-01		138.67	0.6794E+03	0.97	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	33.86
66.00	0.9560E+000.2984E-01		142.44	0.6275E+03	0.97	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	35.69
68.00	0.1053E+010.2896E-01		146.74	0.5775E+03	0.97	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	37.69
70.00	0.1154E+010.2799E-01		151.62	0.5308E+03	0.98	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	39.90
72.00	0.1258E+010.2695E-01		157.07	0.4867E+03	0.98	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	42.31
74.00	0.1372E+010.2594E-01		163.29	0.4453E+03	0.99	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	44.94
76.00	0.1474E+010.2437E-01		170.89	0.4067E+03	0.99	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	47.79
78.00	0.1606E+010.2352E-01		178.69	0.3706E+03	0.99	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	50.87
80.00	0.1723E+010.2213E-01		188.24	0.3347E+03	1.00	2.42	0.94	-3.01	0.1941E+07	0.5957E+05	2313.00	54.20
82.00	0.1837E+010.2092E-01		198.19	0.3023E+03	1.01	2.53	0.41	-3.46	0.1755E+07	0.6241E+05	2423.00	57.75
84.00	0.1930E+010.1952E-01		209.27	0.2727E+03	1.02	2.64	-0.34	-3.98	0.1574E+07	0.6592E+05	2539.00	61.52
86.00	0.2027E+010.1830E-01		221.17	0.2465E+03	1.03	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	65.48
88.00	0.2121E+010.1717E-01		233.93	0.2217E+03	1.04	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	69.63
90.00	0.2173E+010.1587E-01		247.31	0.1974E+03	1.04	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	73.92
92.00	0.2178E+010.1442E-01		261.45	0.1786E+03	1.02	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	78.27
94.00	0.2258E+010.1361E-01		276.35	0.1590E+03	1.05	3.22	-0.96	-2.47	0.8583E+06	0.8108E+05	3154.00	82.71
96.00	0.2374E+010.1305E-01		292.27	0.1421E+03	1.10	3.35	-0.98	-2.44	0.7572E+06	0.8446E+05	3286.00	87.34

SUMMARY TABLE FOR BODY POINT 8409
XB=1920.0 THETAB= 52.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1691E+000.1248E-01	123.95	123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.85
15.00	0.2865E+000.1962E-01	125.01	125.01	0.1932E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	1.98
20.00	0.4047E+000.2550E-01	126.27	126.27	0.1841E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.71
25.00	0.5192E+000.3033E-01	127.52	127.52	0.1686E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.02
30.00	0.6341E+000.3414E-01	128.98	128.98	0.1548E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9592E+04	709.40	8.91
35.00	0.6823E+000.3551E-01	129.61	129.61	0.1366E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.20
40.00	0.7297E+000.3617E-01	130.57	130.57	0.1207E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	15.73
45.00	0.7544E+000.3679E-01	130.91	130.91	0.1064E+04	1.00	1.02	-3.95	0.00	0.3821E+07	0.2131E+05	1073.00	19.44
50.00	0.7436E+000.3532E-01	131.45	131.45	0.1173E+04	0.98	1.15	-3.17	0.00	0.3759E+07	0.2584E+05	1183.00	23.18
55.00	0.7255E+000.3408E-01	131.69	131.69	0.9607E+03	0.97	1.29	-4.15	0.00	0.3657E+07	0.3059E+05	1301.00	26.85
60.00	0.7416E+000.3176E-01	133.75	133.75	0.7963E+03	0.95	1.46	-3.78	0.00	0.3496E+07	0.3556E+05	1435.00	30.52
62.00	0.7775E+000.3065E-01	135.76	135.76	0.7364E+03	0.94	1.53	-3.61	0.00	0.3395E+07	0.3753E+05	1497.00	32.04
64.00	0.8393E+000.2967E-01	138.69	138.69	0.6837E+03	0.93	1.62	-3.57	0.00	0.3282E+07	0.3975E+05	1569.00	33.66
66.00	0.9141E+000.2850E-01	142.47	142.47	0.6331E+03	0.92	1.71	-3.35	0.00	0.3151E+07	0.4195E+05	1647.00	35.41
68.00	0.9934E+000.2730E-01	146.78	146.78	0.5847E+03	0.92	1.80	-3.23	0.00	0.3003E+07	0.4423E+05	1729.00	37.32
70.00	0.1072E+010.2597E-01	151.67	151.67	0.5383E+03	0.90	1.89	-3.01	0.00	0.2845E+07	0.4658E+05	1814.00	39.38
72.00	0.1147E+010.2455E-01	157.13	157.13	0.4941E+03	0.89	1.99	-2.69	0.00	0.2681E+07	0.4902E+05	1904.00	41.60
74.00	0.1224E+010.2312E-01	163.34	163.34	0.4525E+03	0.88	2.10	-2.41	0.00	0.2515E+07	0.5153E+05	1999.00	43.97
76.00	0.1298E+010.2151E-01	170.76	170.76	0.4125E+03	0.86	2.21	-2.14	0.00	0.2341E+07	0.5413E+05	2100.00	46.50
78.00	0.1372E+010.2008E-01	178.75	178.75	0.3754E+03	0.84	2.32	-1.73	0.00	0.2152E+07	0.5681E+05	2206.00	49.17
80.00	0.1415E+010.1817E-01	188.28	188.28	0.3374E+03	0.82	2.42	-1.04	0.00	0.1941E+07	0.5957E+05	2313.00	51.95
82.00	0.1459E+010.1662E-01	198.22	198.22	0.3043E+03	0.80	2.53	-0.76	0.00	0.1755E+07	0.6241E+05	2423.00	54.83
84.00	0.1523E+010.1540E-01	209.30	209.30	0.2744E+03	0.80	2.64	-0.98	0.00	0.1574E+07	0.6532E+05	2539.00	57.81
86.00	0.1581E+010.1427E-01	221.17	221.17	0.2467E+03	0.80	2.75	-1.27	0.00	0.1402E+07	0.6831E+05	2656.00	60.91
88.00	0.1629E+010.1319E-01	233.88	233.88	0.2201E+03	0.80	2.87	-1.57	0.00	0.1244E+07	0.7139E+05	2777.00	64.13
90.00	0.1659E+010.1211E-01	247.32	247.32	0.1975E+03	0.80	2.98	-1.62	0.00	0.1100E+07	0.7454E+05	2901.00	67.41
92.00	0.1623E+010.1075E-01	261.40	261.40	0.1774E+03	0.77	3.10	-1.64	0.00	0.9720E+06	0.7777E+05	3025.00	70.69
94.00	0.1576E+010.9497E-02	276.31	276.31	0.1583E+03	0.74	3.22	-0.96	0.00	0.8583E+06	0.8108E+05	3154.00	73.89
96.00	0.1536E+010.8447E-02	292.23	292.23	0.1414E+03	0.72	3.35	-0.98	0.00	0.7572E+06	0.8446E+05	3286.00	77.01

C.3

SUMMARY TABLE FOR BODY POINT 8434
XB=1910.0 THETAB= 90.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT2S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1693E+000.1249E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.85
15.00	0.2868E+000.1963E-01		125.01	0.1932E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	1.99
20.00	0.4051E+000.2552E-01		126.27	0.1841E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.72
25.00	0.5197E+000.3036E-01		127.52	0.1686E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.03
30.00	0.6347E+000.3417E-01		128.98	0.1548E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	8.91
35.00	0.6828E+000.3554E-01		129.61	0.1366E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.21
40.00	0.7303E+000.3620E-01		130.57	0.1207E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	15.74
45.00	0.7460E+000.3643E-01		130.88	0.1053E+04	0.99	1.02	-2.61	-1.87	0.3821E+07	0.2131E+05	1073.00	19.43
50.00	0.7192E+000.3379E-01		131.68	0.1157E+04	0.93	1.15	-2.76	-2.02	0.3759E+07	0.2584E+05	1183.00	23.09
55.00	0.6659E+000.3085E-01		131.99	0.9441E+03	0.88	1.29	-2.82	-2.12	0.3657E+07	0.3059E+05	1301.00	26.56
60.00	0.6486E+000.2747E-01		134.01	0.7831E+03	0.83	1.46	-2.28	-2.06	0.3496E+07	0.3556E+05	1435.00	29.84
62.00	0.6669E+000.2603E-01		136.02	0.7248E+03	0.81	1.53	-1.85	-1.90	0.3395E+07	0.3763E+05	1497.00	31.16
64.00	0.6974E+000.2471E-01		138.63	0.6722E+03	0.78	1.62	-1.43	-1.82	0.3282E+07	0.3975E+05	1569.00	32.52
66.00	0.7471E+000.2334E-01		142.41	0.6221E+03	0.76	1.71	-1.07	-1.80	0.3151E+07	0.4195E+05	1647.00	33.97
68.00	0.7976E+000.2196E-01		146.72	0.5742E+03	0.74	1.80	-0.68	-1.78	0.3003E+07	0.4423E+05	1729.00	35.51
70.00	0.8502E+000.2063E-01		151.60	0.5288E+03	0.72	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	37.16
72.00	0.9023E+000.1933E-01		157.07	0.4858E+03	0.71	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	38.91
74.00	0.9580E+000.1811E-01		163.29	0.4453E+03	0.69	2.10	-0.57	-2.12	0.2515E+07	0.5153E+05	1999.00	40.77
76.00	0.1011E+010.1672E-01		170.91	0.4057E+03	0.68	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	42.74
78.00	0.1078E+010.1579E-01		178.69	0.3706E+03	0.67	2.32	-0.47	-2.61	0.2152E+07	0.5681E+05	2206.00	44.83
80.00	0.1139E+010.1463E-01		188.24	0.3347E+03	0.66	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	47.05
82.00	0.1189E+010.1355E-01		198.19	0.3023E+03	0.66	2.53	-0.17	-3.46	0.1755E+07	0.6241E+05	2423.00	49.38
84.00	0.1238E+010.1252E-01		209.26	0.2719E+03	0.65	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	51.80
86.00	0.1281E+010.1157E-01		221.10	0.2436E+03	0.66	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	54.32
88.00	0.1314E+010.1065E-01		233.77	0.2166E+03	0.65	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	56.92
90.00	0.1327E+010.9697E-02		247.21	0.1948E+03	0.64	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	59.56
92.00	0.1350E+010.8945E-02		261.28	0.1748E+03	0.64	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	62.24
94.00	0.1374E+010.8284E-02		276.23	0.1569E+03	0.65	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	64.96
96.00	0.1384E+010.7618E-02		292.14	0.1400E+03	0.65	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	67.72

SUMMARY TABLE FOR BODY POINT 8435
XB=1910.0 THETAB= 275.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1693E+000.1249E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.85
15.00	0.2868E+000.1963E-01		125.01	0.1932E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	1.99
20.00	0.4051E+000.2552E-01		126.27	0.1841E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.72
25.00	0.5197E+000.3036E-01		127.52	0.1686E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.03
30.00	0.6347E+000.3417E-01		128.98	0.1548E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	8.91
35.00	0.6828E+000.3554E-01		129.61	0.1366E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.21
40.00	0.7303E+000.3620E-01		130.57	0.1207E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	15.74
45.00	0.7509E+000.3668E-01		130.88	0.1053E+04	1.00	1.02	-2.61	1.87	0.3821E+07	0.2131E+05	1073.00	19.44
50.00	0.7501E+000.3524E-01		131.68	0.1157E+04	0.97	1.15	-2.76	2.02	0.3759E+07	0.2584E+05	1183.00	23.20
55.00	0.7194E+000.3332E-01		131.99	0.9441E+03	0.95	1.29	-2.82	2.12	0.3657E+07	0.3059E+05	1301.00	26.87
60.00	0.7269E+000.3079E-01		134.01	0.7831E+03	0.93	1.46	-2.28	2.06	0.3496E+07	0.3556E+05	1435.00	30.49
62.00	0.7566E+000.2965E-01		136.02	0.7248E+03	0.92	1.53	-1.85	1.90	0.3395E+07	0.3763E+05	1497.00	31.97
64.00	0.8077E+000.2861E-01		138.63	0.6722E+03	0.91	1.62	-1.43	1.82	0.3282E+07	0.3975E+05	1569.00	33.54
66.00	0.8794E+000.2747E-01		142.41	0.6221E+03	0.90	1.71	-1.07	1.80	0.3151E+07	0.4195E+05	1647.00	35.23
68.00	0.9541E+000.2627E-01		146.72	0.5742E+03	0.89	1.80	-0.68	1.78	0.3003E+07	0.4423E+05	1729.00	37.06
70.00	0.1032E+010.2505E-01		151.60	0.5288E+03	0.88	1.89	-0.46	1.86	0.2845E+07	0.4658E+05	1814.00	39.05
72.00	0.1112E+010.2382E-01		157.07	0.4858E+03	0.87	1.99	-0.26	1.94	0.2681E+07	0.4902E+05	1904.00	41.19
74.00	0.1196E+010.2262E-01		163.29	0.4453E+03	0.86	2.10	-0.57	2.12	0.2515E+07	0.5153E+05	1999.00	43.50
76.00	0.1279E+010.2113E-01		170.91	0.4057E+03	0.86	2.21	-0.28	2.34	0.2341E+07	0.5413E+05	2100.00	45.97
78.00	0.1377E+010.2017E-01		178.69	0.3706E+03	0.85	2.32	-0.47	2.61	0.2152E+07	0.5681E+05	2206.00	48.63
80.00	0.1465E+010.1882E-01		188.24	0.3347E+03	0.85	2.42	-0.05	3.01	0.1941E+07	0.5957E+05	2313.00	51.47
82.00	0.1533E+010.1746E-01		198.19	0.3023E+03	0.85	2.53	-0.17	3.46	0.1755E+07	0.6241E+05	2423.00	54.47
84.00	0.1594E+010.1613E-01		209.26	0.2719E+03	0.84	2.64	-0.34	3.98	0.1574E+07	0.6532E+05	2539.00	57.60
86.00	0.1643E+010.1485E-01		221.10	0.2436E+03	0.84	2.75	-0.89	4.60	0.1402E+07	0.6831E+05	2656.00	60.83
88.00	0.1682E+010.1364E-01		233.77	0.2166E+03	0.84	2.87	-1.16	5.13	0.1244E+07	0.7139E+05	2777.00	64.16
90.00	0.1715E+010.1253E-01		247.21	0.1948E+03	0.83	2.98	-1.13	5.10	0.1100E+07	0.7454E+05	2901.00	67.56
92.00	0.1574E+010.1043E-01		261.28	0.1748E+03	0.75	3.10	-1.07	5.00	0.9720E+06	0.7777E+05	3025.00	70.85
94.00	0.1414E+010.8527E-02		276.23	0.1569E+03	0.67	3.22	-0.96	4.94	0.8583E+06	0.8108E+05	3154.00	73.83
96.00	0.1259E+010.6926E-02		292.14	0.1400E+03	0.59	3.35	-0.98	4.87	0.7572E+06	0.8446E+05	3286.00	76.51

SUMMARY TABLE FOR BODY POINT 8436
XB=1910.0 THETAB= 135.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1693E+000.1249E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.85
15.00	0.2668E+000.1963E-01		125.01	0.1932E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	1.99
20.00	0.4051E+000.2552E-01		126.27	0.1841E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.72
25.00	0.5197E+000.3036E-01		127.52	0.1686E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.03
30.00	0.6347E+000.3417E-01		128.98	0.1548E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	8.91
35.00	0.6828E+000.3554E-01		129.61	0.1366E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.21
40.00	0.7303E+000.3620E-01		130.57	0.1207E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	15.74
45.00	0.7473E+000.3650E-01		130.88	0.1053E+04	0.99	1.02	-3.95	-1.87	0.3821E+07	0.2131E+05	1073.00	19.43
50.00	0.7336E+000.3446E-01		131.68	0.1157E+04	0.95	1.15	-4.41	-2.02	0.3759E+07	0.2584E+05	1183.00	23.14
55.00	0.6842E+000.3169E-01		131.99	0.9441E+03	0.90	1.29	-4.15	-2.12	0.3657E+07	0.3059E+05	1301.00	26.68
60.00	0.6616E+000.2802E-01		134.01	0.7831E+03	0.84	1.46	-3.78	-2.06	0.3496E+07	0.3556E+05	1435.00	30.05
62.00	0.6751E+000.2635E-01		136.02	0.7248E+03	0.82	1.53	-3.61	-1.90	0.3395E+07	0.3763E+05	1497.00	31.38
64.00	0.7054E+000.2499E-01		138.63	0.6722E+03	0.79	1.62	-3.57	-1.82	0.3282E+07	0.3975E+05	1569.00	32.76
66.00	0.7426E+000.2320E-01		142.41	0.6221E+03	0.76	1.71	-3.35	-1.80	0.3151E+07	0.4195E+05	1647.00	34.21
68.00	0.7838E+000.2158E-01		146.72	0.5742E+03	0.73	1.80	-3.23	-1.78	0.3003E+07	0.4423E+05	1729.00	35.74
70.00	0.8138E+000.1975E-01		151.60	0.5288E+03	0.69	1.89	-3.01	-1.86	0.2845E+07	0.4658E+05	1814.00	37.33
72.00	0.8279E+000.1774E-01		157.07	0.4858E+03	0.65	1.99	-2.69	-1.94	0.2681E+07	0.4902E+05	1904.00	38.98
74.00	0.8399E+000.1588E-01		163.29	0.4453E+03	0.61	2.10	-2.41	-2.12	0.2515E+07	0.5153E+05	1999.00	40.64
76.00	0.8411E+000.1390E-01		170.91	0.4057E+03	0.56	2.21	-2.14	-2.34	0.2341E+07	0.5413E+05	2100.00	42.32
78.00	0.8250E+000.1208E-01		178.69	0.3706E+03	0.51	2.32	-1.73	-2.61	0.2152E+07	0.5681E+05	2206.00	43.99
80.00	0.7452E+000.9573E-02		188.24	0.3347E+03	0.43	2.42	-1.04	-3.01	0.1941E+07	0.5957E+05	2313.00	45.56
82.00	0.7216E+000.8219E-02		198.19	0.3023E+03	0.40	2.53	-0.76	-3.46	0.1755E+07	0.6241E+05	2423.00	47.03
84.00	0.7882E+000.7973E-02		209.26	0.2719E+03	0.42	2.64	-0.98	-3.98	0.1574E+07	0.6532E+05	2539.00	48.54
86.00	0.8734E+000.7890E-02		221.10	0.2436E+03	0.45	2.75	-1.27	-4.60	0.1402E+07	0.6831E+05	2656.00	50.20
88.00	0.9540E+000.7733E-02		233.77	0.2166E+03	0.47	2.87	-1.57	-5.13	0.1244E+07	0.7139E+05	2777.00	52.03
90.00	0.9607E+000.7022E-02		247.21	0.1948E+03	0.47	2.98	-1.62	-5.10	0.1100E+07	0.7454E+05	2901.00	53.94
92.00	0.9982E+000.6616E-02		261.28	0.1748E+03	0.48	3.10	-1.64	-5.00	0.9720E+06	0.7777E+05	3025.00	55.90
94.00	0.1039E+010.6266E-02		276.23	0.1569E+03	0.49	3.22	-1.63	-4.94	0.8583E+06	0.8108E+05	3154.00	57.94
96.00	0.1068E+010.5875E-02		292.14	0.1400E+03	0.50	3.35	-1.62	-4.87	0.7572E+06	0.8446E+05	3286.00	60.04

SUMMARY TABLE FOR BODY POINT 8443
XB=1910.0 THETAB= 178.0

TRAJ. TIME (SEC)	DESIGN HTG.RATE (BFS)	FILM COEFF. (LB/FT ² S)	RECOV. ENTH. (B/LB)	UNDIST. PRESS. (PSF)	HI/HU	MACH NO.	ALPHA (DEG.)	BETA (DEG.)	REINF (FT-1)	ALT. (FT.)	VEL. (FPS)	QLOAD
10.00	0.1693E+000.1249E-01		123.95	0.2031E+04	1.00	0.16	0.11	0.58	0.1126E+07	0.1350E+04	183.10	0.85
15.00	0.2868E+000.1963E-01		125.01	0.1932E+04	1.00	0.27	1.36	3.23	0.1788E+07	0.2823E+04	306.30	1.99
20.00	0.4051E+000.2552E-01		126.27	0.1841E+04	1.00	0.39	2.61	5.89	0.2391E+07	0.4296E+04	429.50	3.72
25.00	0.5197E+000.3036E-01		127.52	0.1686E+04	1.00	0.51	-0.32	4.75	0.2933E+07	0.6939E+04	569.50	6.03
30.00	0.6347E+000.3417E-01		128.98	0.1548E+04	1.00	0.65	-3.24	3.62	0.3401E+07	0.9582E+04	709.40	8.91
35.00	0.6828E+000.3554E-01		129.61	0.1366E+04	1.00	0.77	-3.02	2.82	0.3647E+07	0.1330E+05	837.30	12.21
40.00	0.7303E+000.3620E-01		130.57	0.1207E+04	1.00	0.90	-2.79	2.02	0.3827E+07	0.1702E+05	965.30	15.74
45.00	0.7464E+000.3646E-01		130.88	0.1053E+04	0.99	1.02	-3.95	1.87	0.3821E+07	0.2131E+05	1073.00	19.43
50.00	0.7252E+000.3407E-01		131.68	0.1157E+04	0.94	1.15	-4.41	2.02	0.3759E+07	0.2584E+05	1183.00	23.11
55.00	0.6751E+000.3127E-01		131.99	0.9441E+03	0.89	1.29	-4.15	2.12	0.3657E+07	0.3059E+05	1301.00	26.61
60.00	0.6561E+000.2779E-01		134.01	0.7831E+03	0.84	1.46	-3.78	2.06	0.3496E+07	0.3556E+05	1435.00	29.94
62.00	0.6710E+000.2619E-01		136.02	0.7248E+03	0.81	1.53	-3.61	1.90	0.3395E+07	0.3763E+05	1497.00	31.27
64.00	0.7002E+000.2480E-01		138.63	0.6722E+03	0.79	1.62	-3.57	1.82	0.3282E+07	0.3975E+05	1569.00	32.64
66.00	0.7462E+000.2331E-01		142.41	0.6221E+03	0.76	1.71	-3.35	1.80	0.3151E+07	0.4195E+05	1647.00	34.08
68.00	0.7938E+000.2185E-01		146.72	0.5742E+03	0.74	1.80	-3.23	1.78	0.3003E+07	0.4423E+05	1729.00	35.62
70.00	0.8435E+000.2047E-01		151.60	0.5288E+03	0.72	1.89	-0.46	-1.86	0.2845E+07	0.4658E+05	1814.00	37.26
72.00	0.9021E+000.1933E-01		157.07	0.4858E+03	0.71	1.99	-0.26	-1.94	0.2681E+07	0.4902E+05	1904.00	39.01
74.00	0.9673E+000.1829E-01		163.29	0.4453E+03	0.70	2.10	0.05	-2.12	0.2515E+07	0.5153E+05	1999.00	40.88
76.00	0.1014E+010.1675E-01		170.91	0.4057E+03	0.68	2.21	-0.28	-2.34	0.2341E+07	0.5413E+05	2100.00	42.86
78.00	0.1087E+010.1592E-01		178.70	0.3709E+03	0.67	2.32	0.16	-2.61	0.2152E+07	0.5681E+05	2206.00	44.96
80.00	0.1165E+010.1497E-01		188.24	0.3347E+03	0.68	2.42	-0.05	-3.01	0.1941E+07	0.5957E+05	2313.00	47.21
82.00	0.1213E+010.1382E-01		198.19	0.3023E+03	0.67	2.53	0.12	-3.46	0.1755E+07	0.6241E+05	2423.00	49.59
84.00	0.1246E+010.1260E-01		209.26	0.2719E+03	0.66	2.64	-0.34	-3.98	0.1574E+07	0.6532E+05	2539.00	52.05
86.00	0.1223E+010.1105E-01		221.10	0.2436E+03	0.63	2.75	-0.89	-4.60	0.1402E+07	0.6831E+05	2656.00	54.52
88.00	0.1212E+010.9821E-02		233.77	0.2166E+03	0.60	2.87	-1.16	-5.13	0.1244E+07	0.7139E+05	2777.00	56.95
90.00	0.1225E+010.8955E-02		247.21	0.1948E+03	0.59	2.98	-1.13	-5.10	0.1100E+07	0.7454E+05	2901.00	59.39
92.00	0.1271E+010.8422E-02		261.28	0.1748E+03	0.61	3.10	-1.64	5.00	0.9720E+06	0.7777E+05	3025.00	61.89
94.00	0.1360E+010.8203E-02		276.23	0.1569E+03	0.64	3.22	-1.63	4.94	0.8583E+06	0.8108E+05	3154.00	64.52
96.00	0.1438E+010.7914E-02		292.14	0.1400E+03	0.67	3.35	-1.62	4.87	0.7572E+06	0.8446E+05	3286.00	67.32

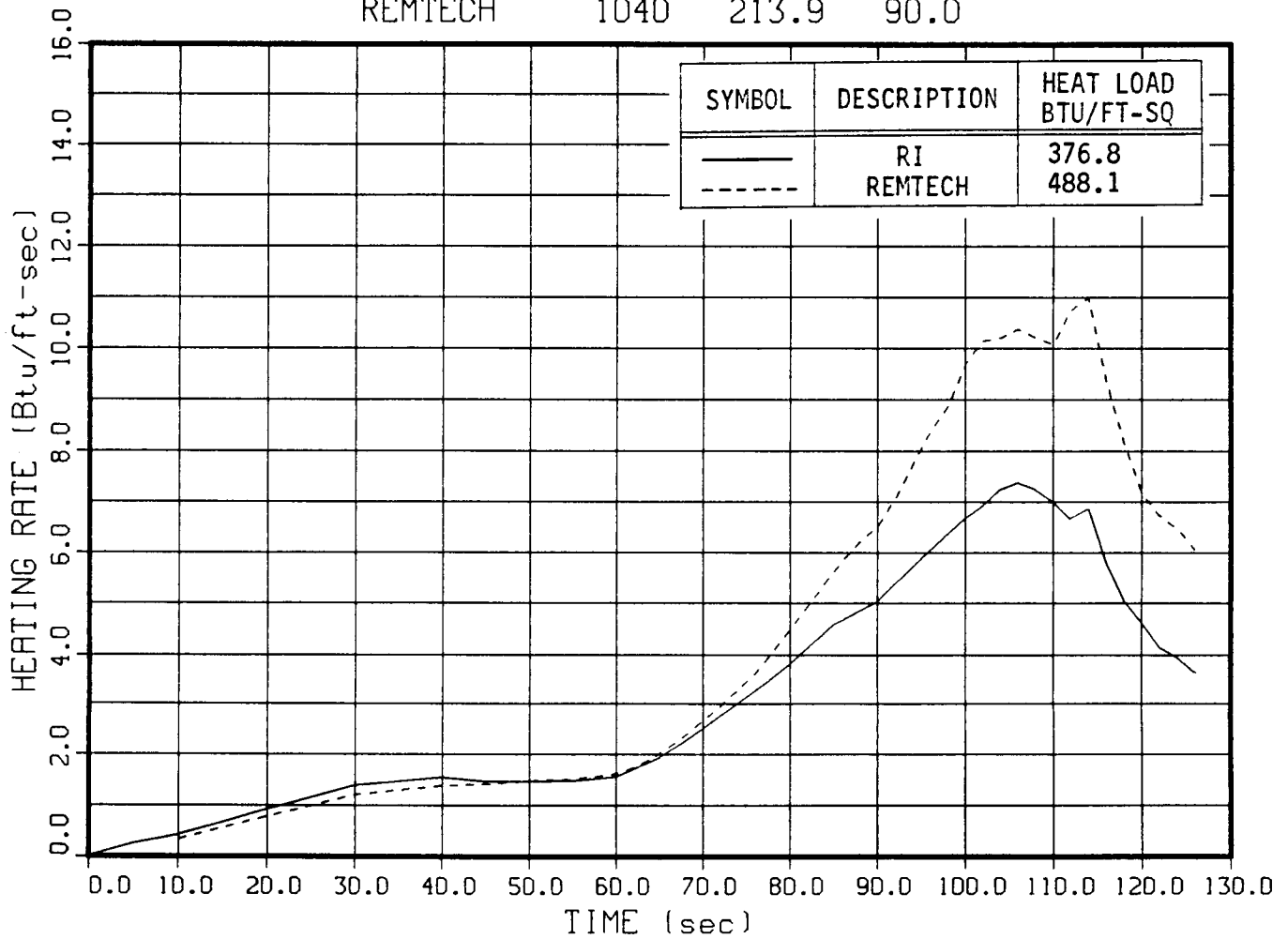
PLOTTED DATA
TIMEWISE COMPARISON OF REMTECH/ROCKWELL
RI IVBC-3 ASCENT DESIGN HEATING RATES

ORIGINAL PAGE IS
OF POOR QUALITY

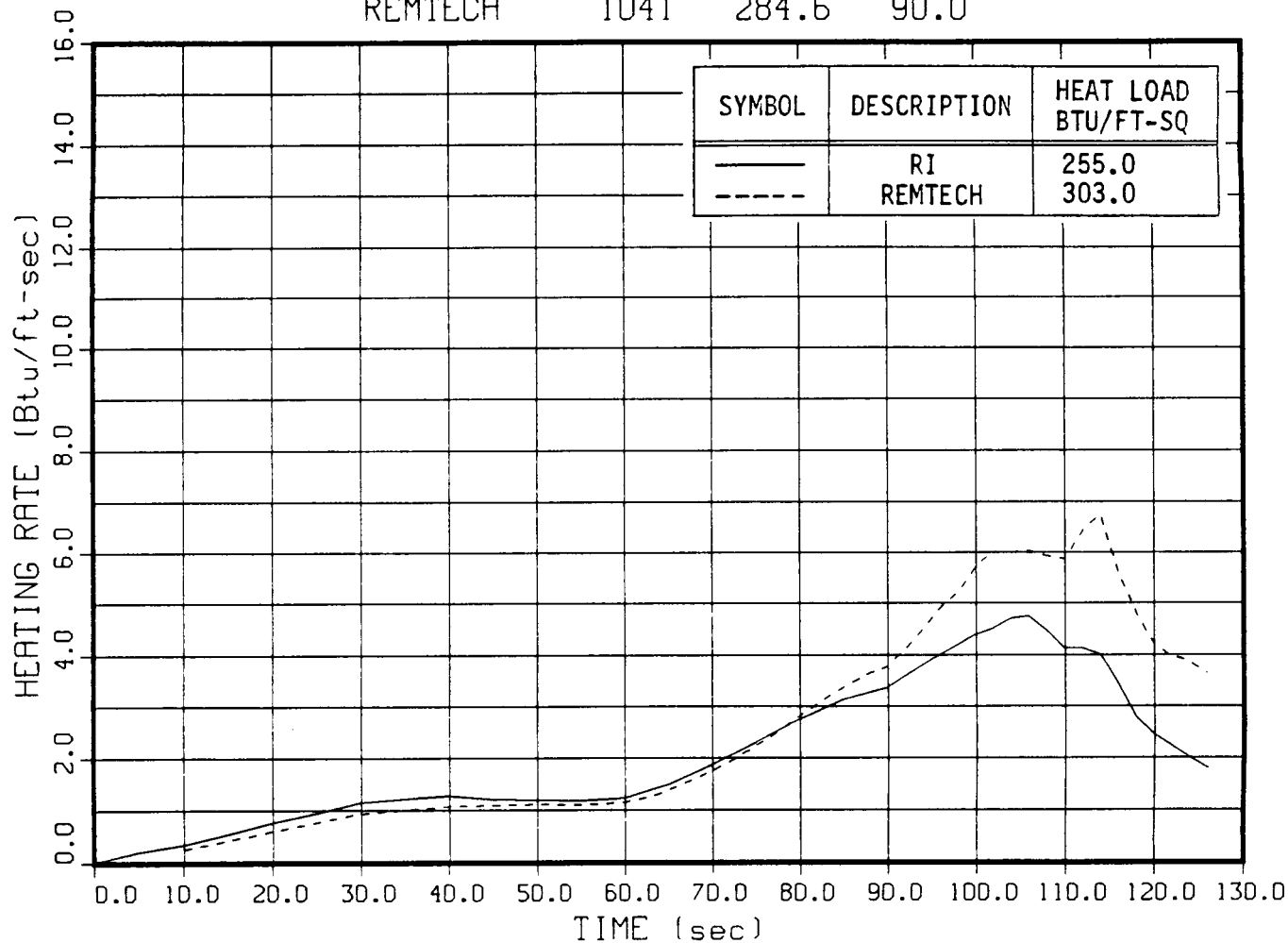
~~REDACTED~~

ZONE 2 - FRUSTUM

SOURCE	B P #	X _b	θ _b
ROCKWELL	1013	217.3	90.0
REMTECH	1040	213.9	90.0



ZONE 2 - FRUSTUM
 SOURCE B P # X_B θ_B
 ROCKWELL 187660 284.6 90.0
 REMTECH 1041 284.6 90.0

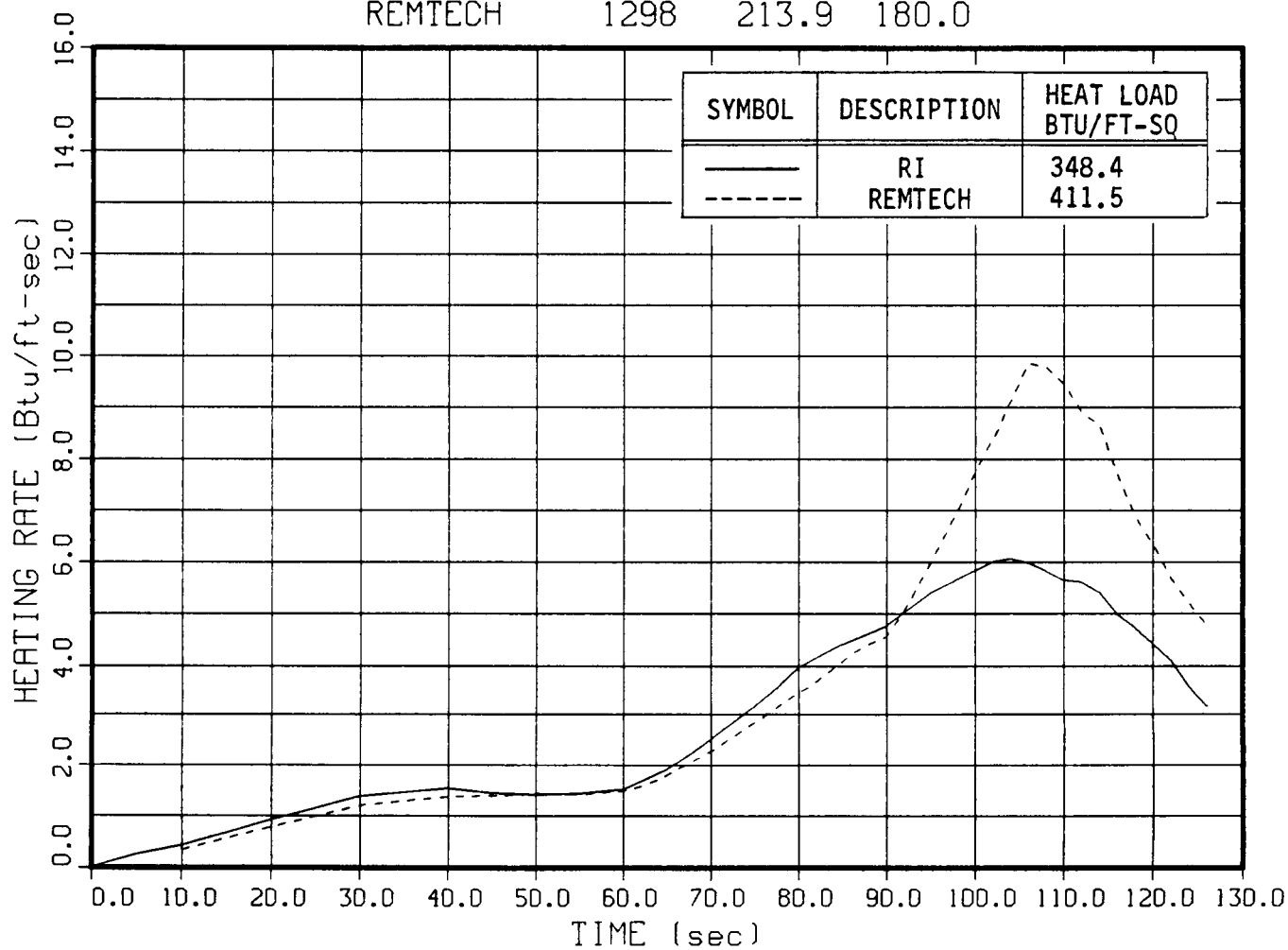


Comment

- Agreement acceptable - No TPS design impact

ZONE 2 - FRUSTUM

SOURCE	B P #	X	θ
ROCKWELL	1015	217.3	180.0
REMTECH	1298	213.9	180.0

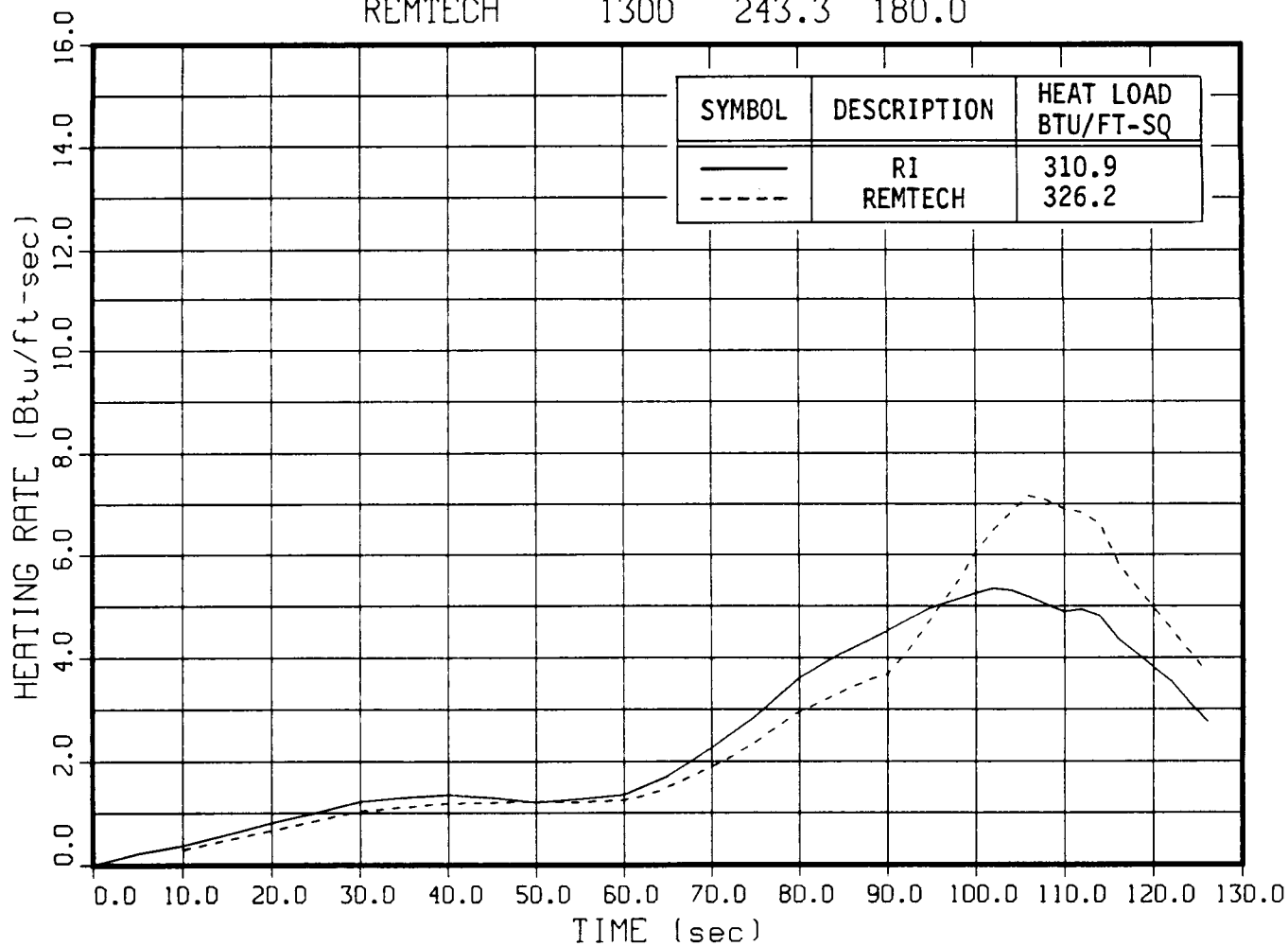


Comment

- REMTECH considered high on rate and load. RI IVBC-3 more realistic

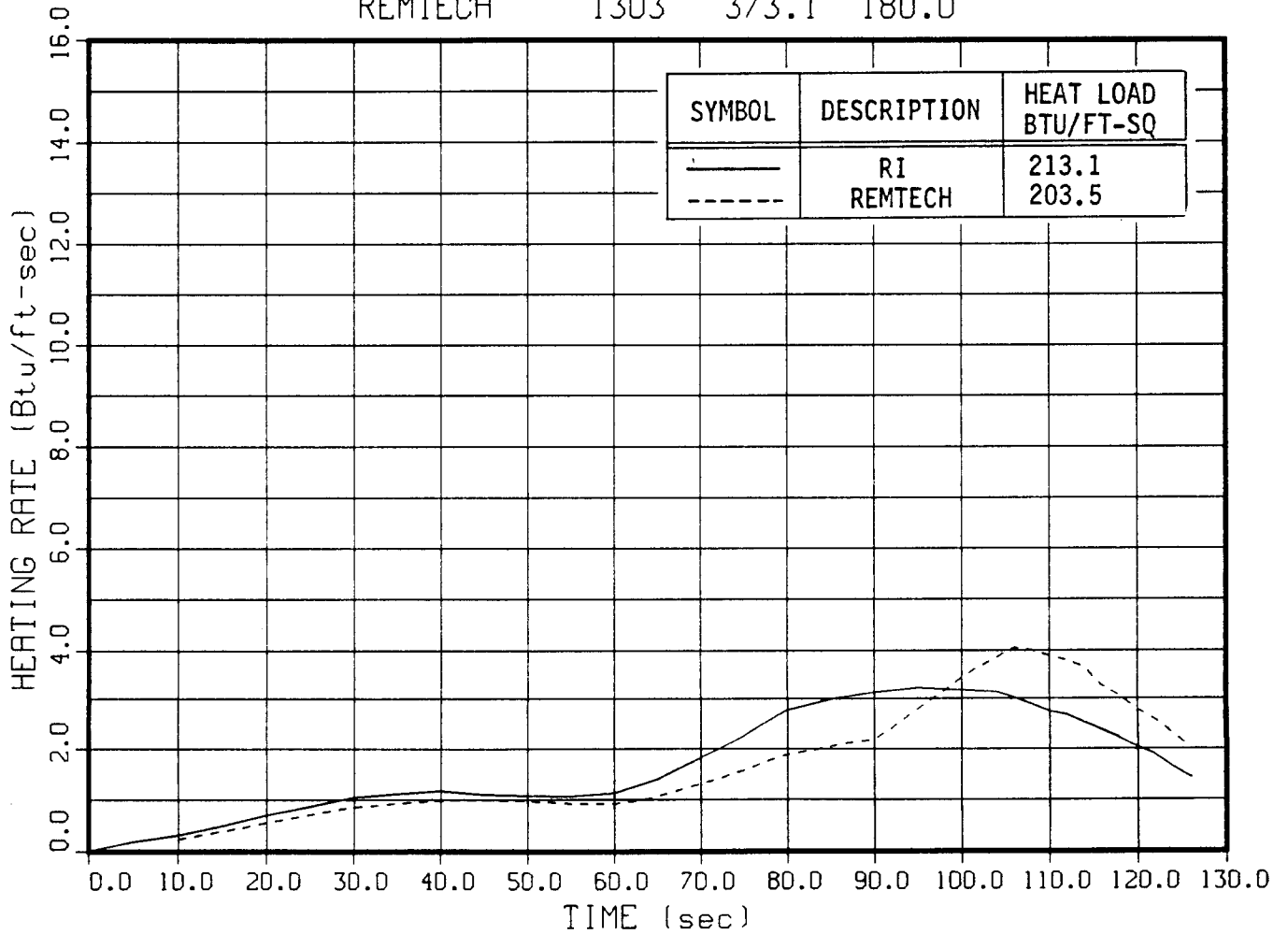
ZONE 2 - FRUSTUM

SOURCE	B P #	X ^B	θ ^B
ROCKWELL	1035	251.9	180.0
REMTECH	1300	243.3	180.0



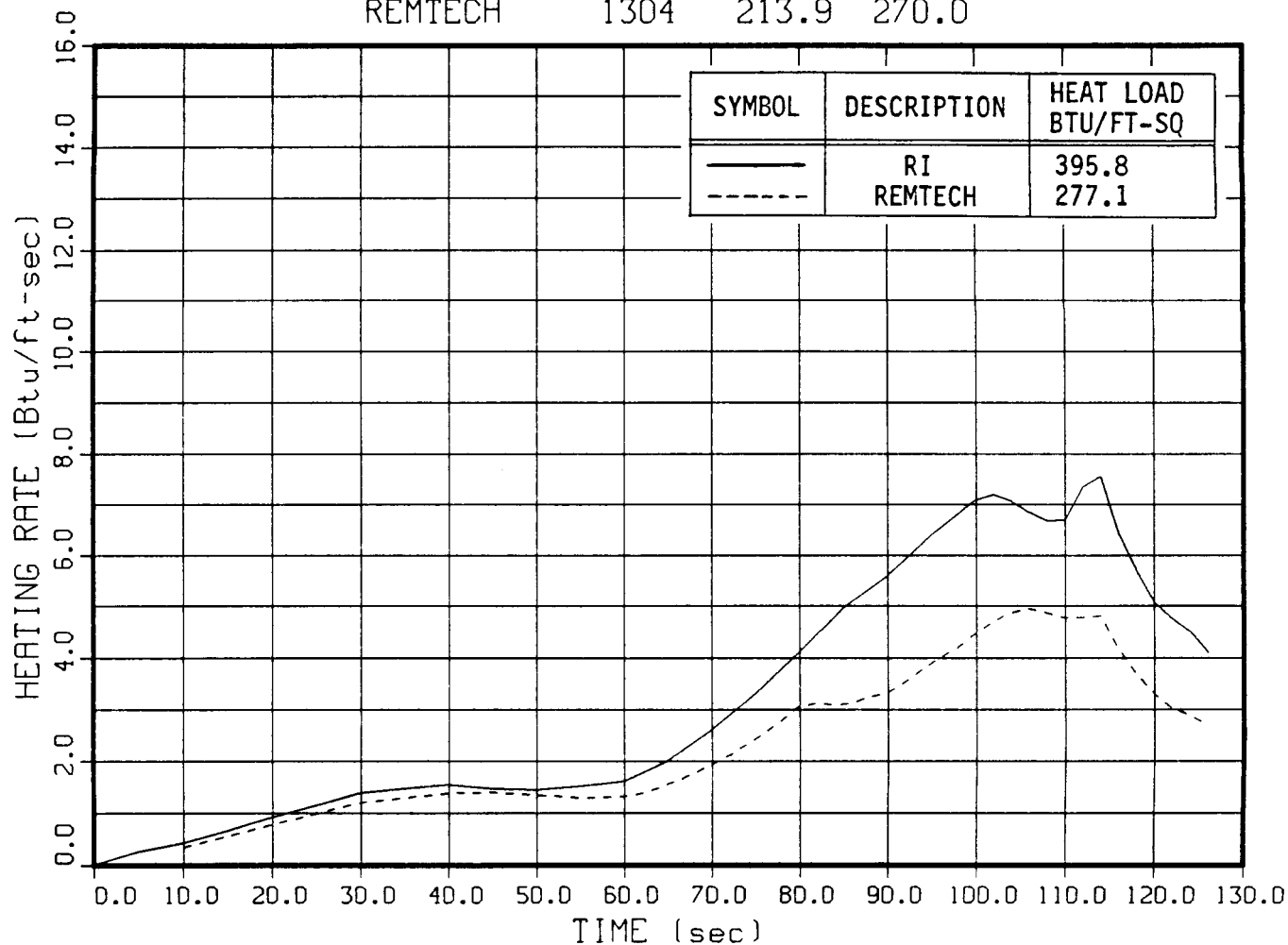
ZONE 2 - FRUSTUM

SOURCE	B P #	X	θ
ROCKWELL	1105	373.1	180.0
REMTECH	1303	373.1	180.0



ZONE 2 - FRUSTUM

SOURCE	B P #	X _B	θ _B
ROCKWELL	1018	217.3	270.0
REMTECH	1304	213.9	270.0

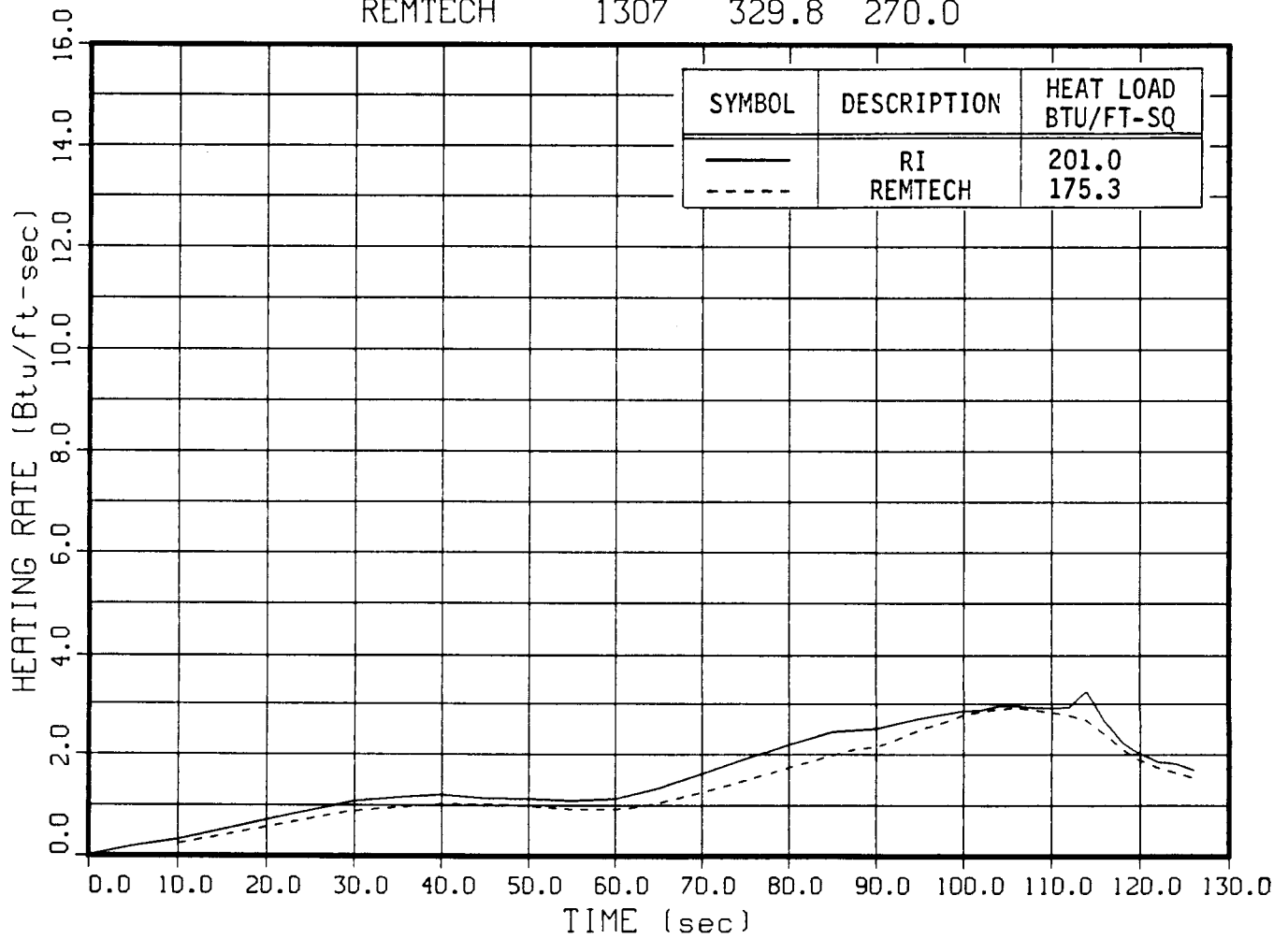


Comment

- RI IVBC-3 environments considered high along $\theta_B = 270$ deg. ray. Show same magnitude as the $\theta_B = 90$ deg. ray.

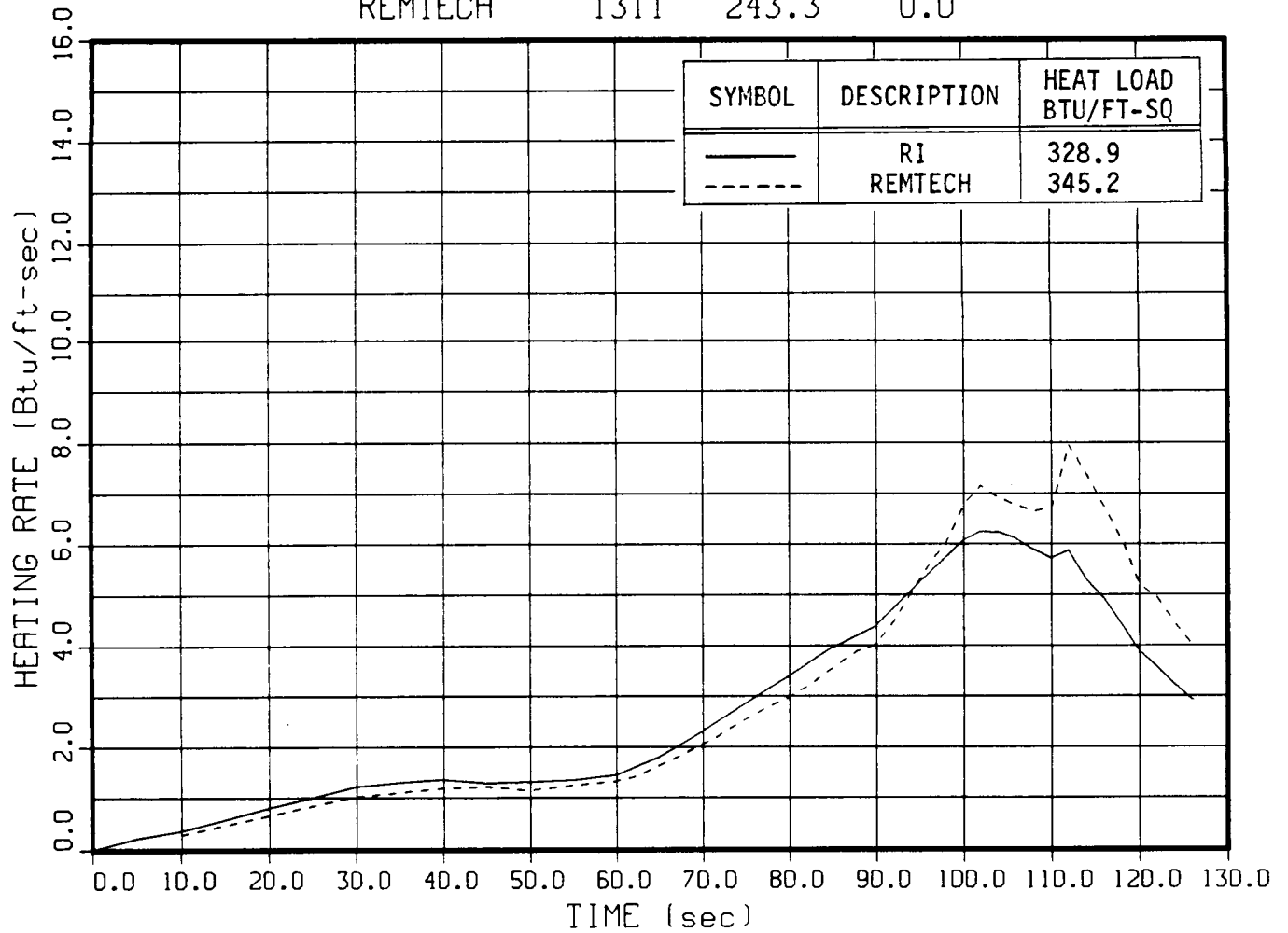
ZONE 2 - FRUSTUM

SOURCE	B P #	X _B	θ _B
ROCKWELL	1088	338.5	270.0
REMTECH	1307	329.8	270.0



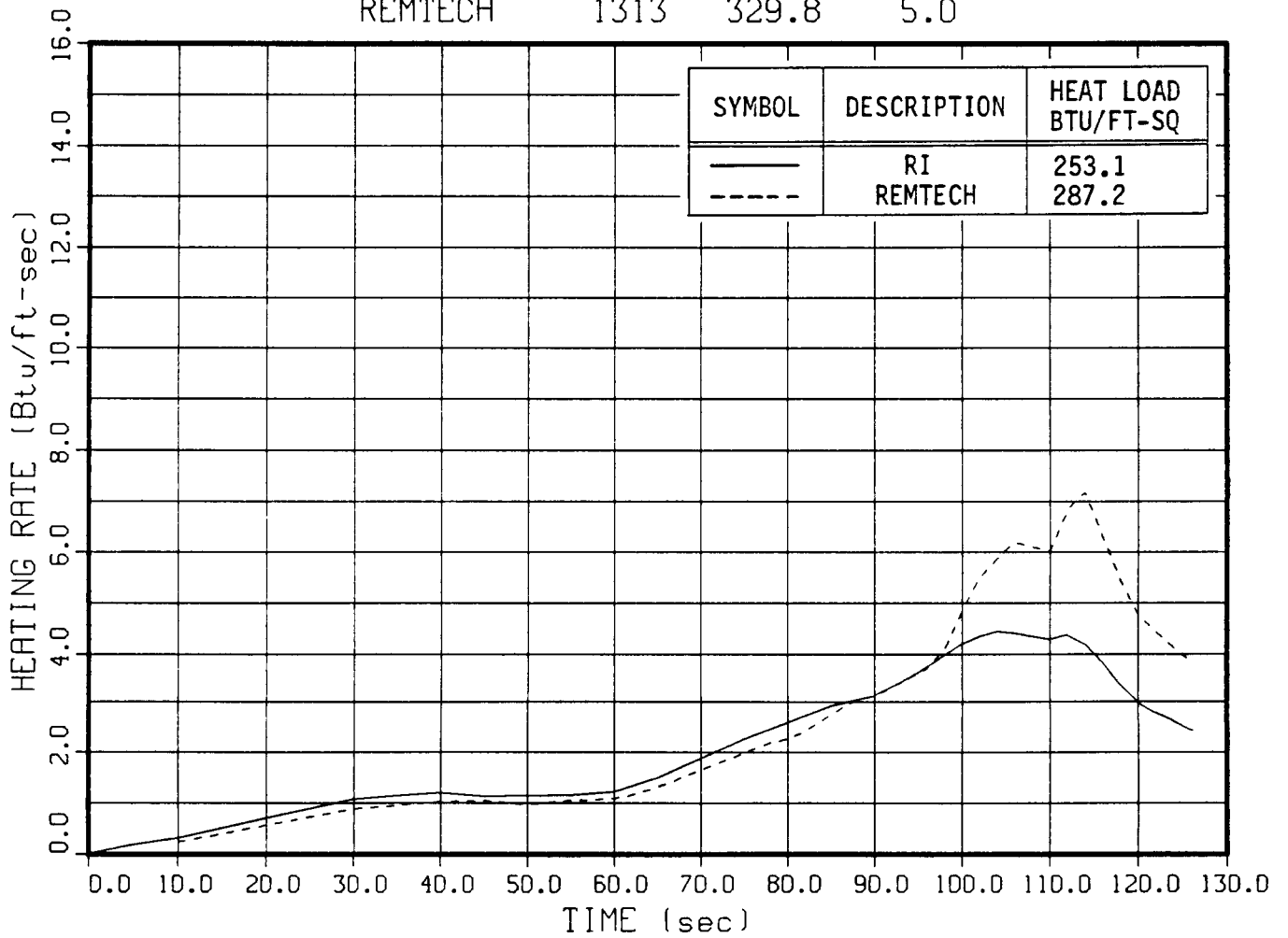
ZONE 2 - FRUSTUM

SOURCE	B P #	X	θ_b
ROCKWELL	1030	251.9	0.0
REMTECH	1311	243.3	0.0



ZONE 2 - FRUSTUM

SOURCE	B P #	X	θ
ROCKWELL	1080	338.5	0.0
REMTECH	1313	329.8	5.0

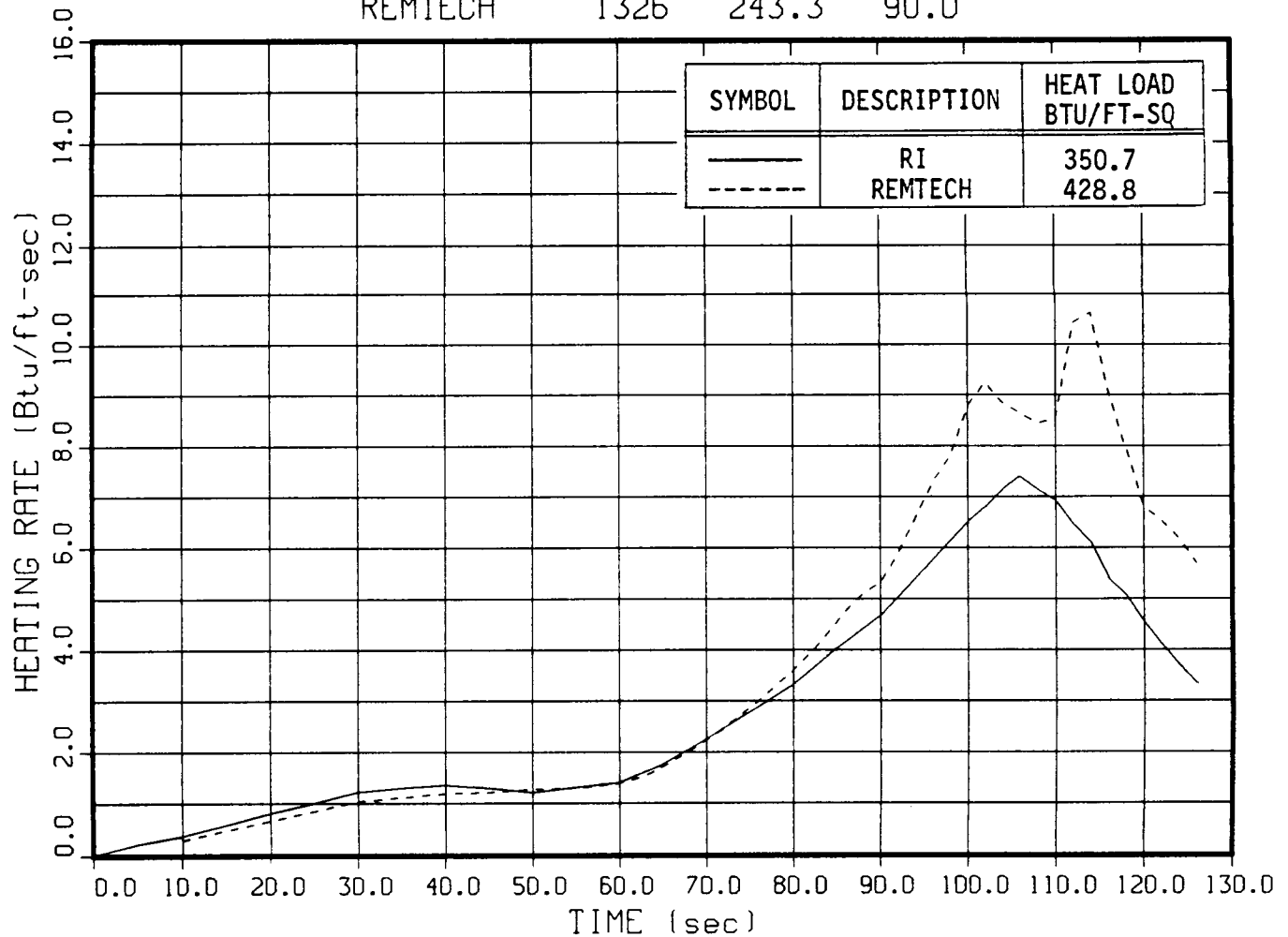


Comment

- Agreement considered acceptable

ZONE 2 - FRUSTUM

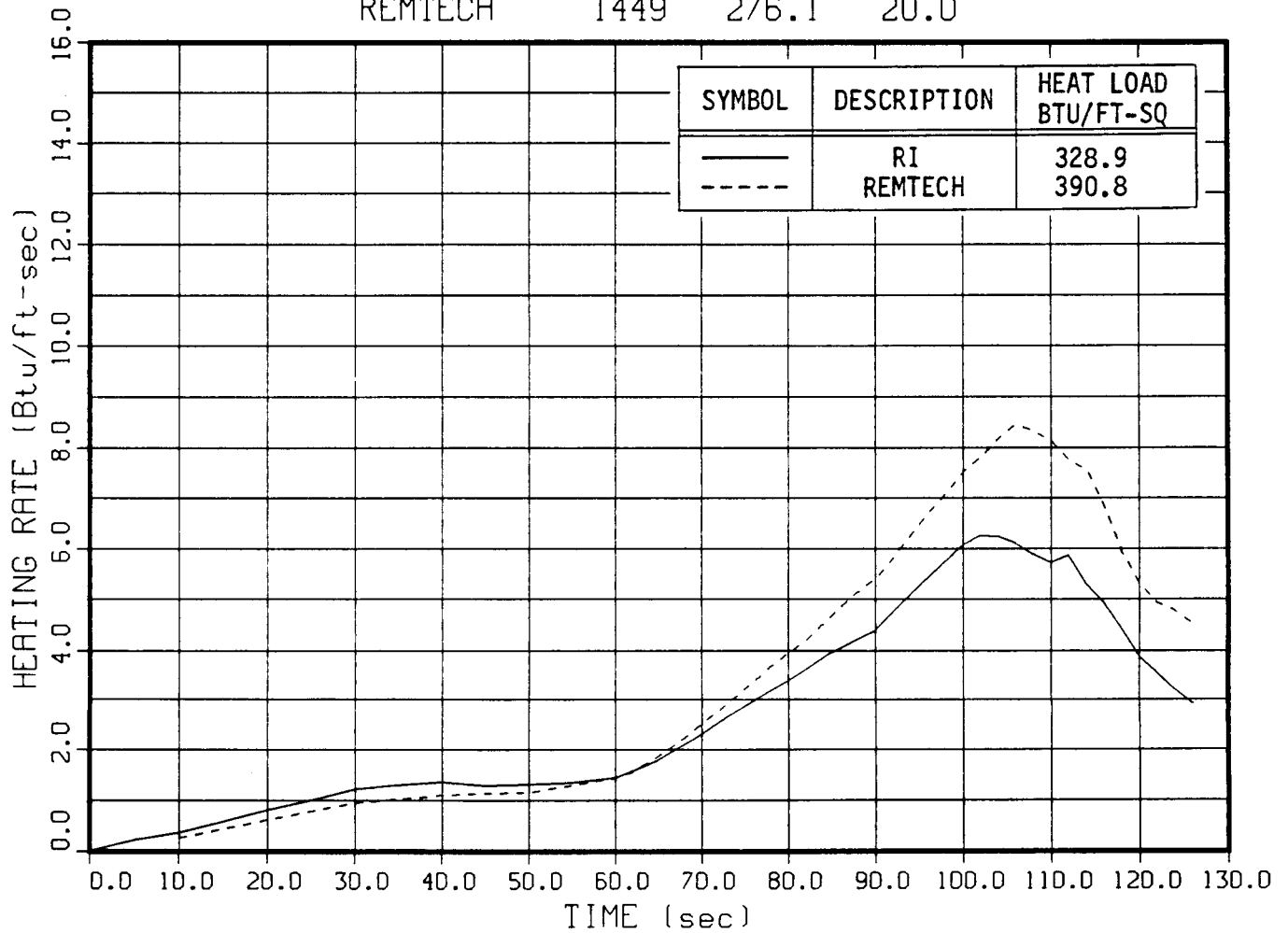
SOURCE	B P #	X _B	θ _B
ROCKWELL	1033	251.9	90.0
REMTECH	1326	243.3	90.0



Comment

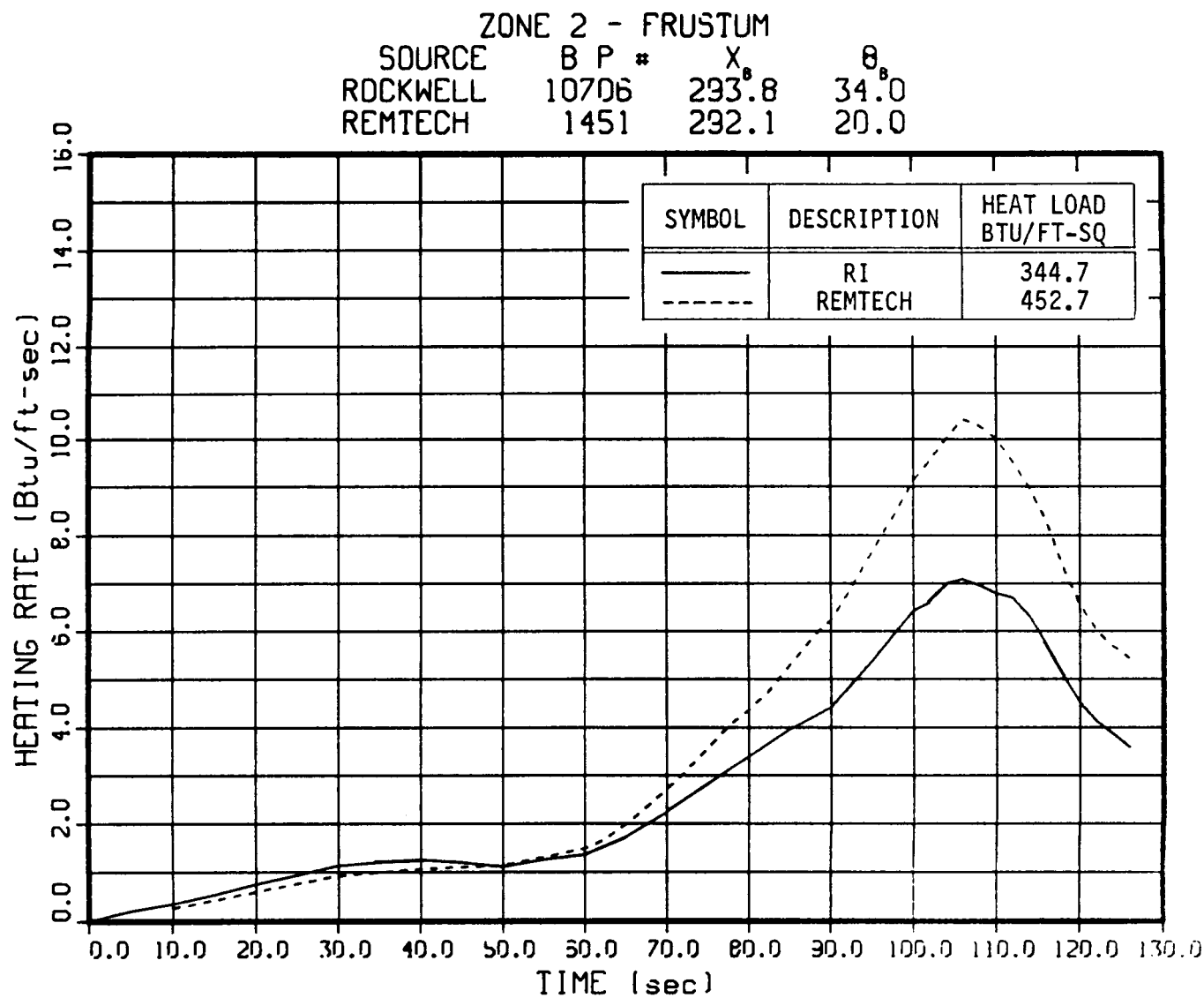
- RI IVBC-3 considered low = Data from upcoming DFI flights (STS-26R-31R) should help resolve discrepancy

ZONE 2 - FRUSTUM
 SOURCE B P # X θ
 ROCKWELL 1030 251.9 0.0
 REMTECH 1449 276.1 20.0



Comment

- Agreement considered acceptable - No TPS design impact

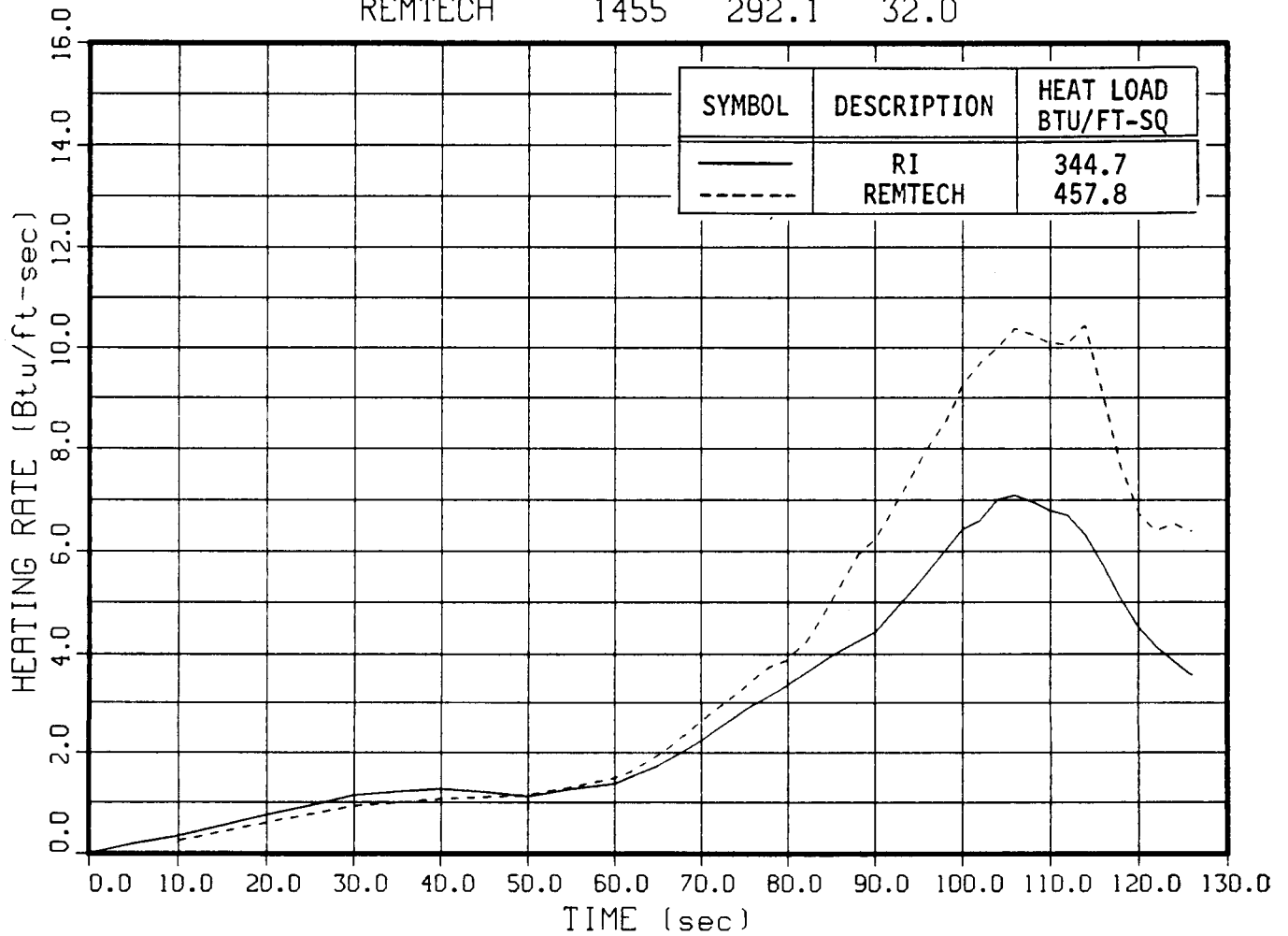


Comment

- REMTECH environment considered high - No TPS design impact

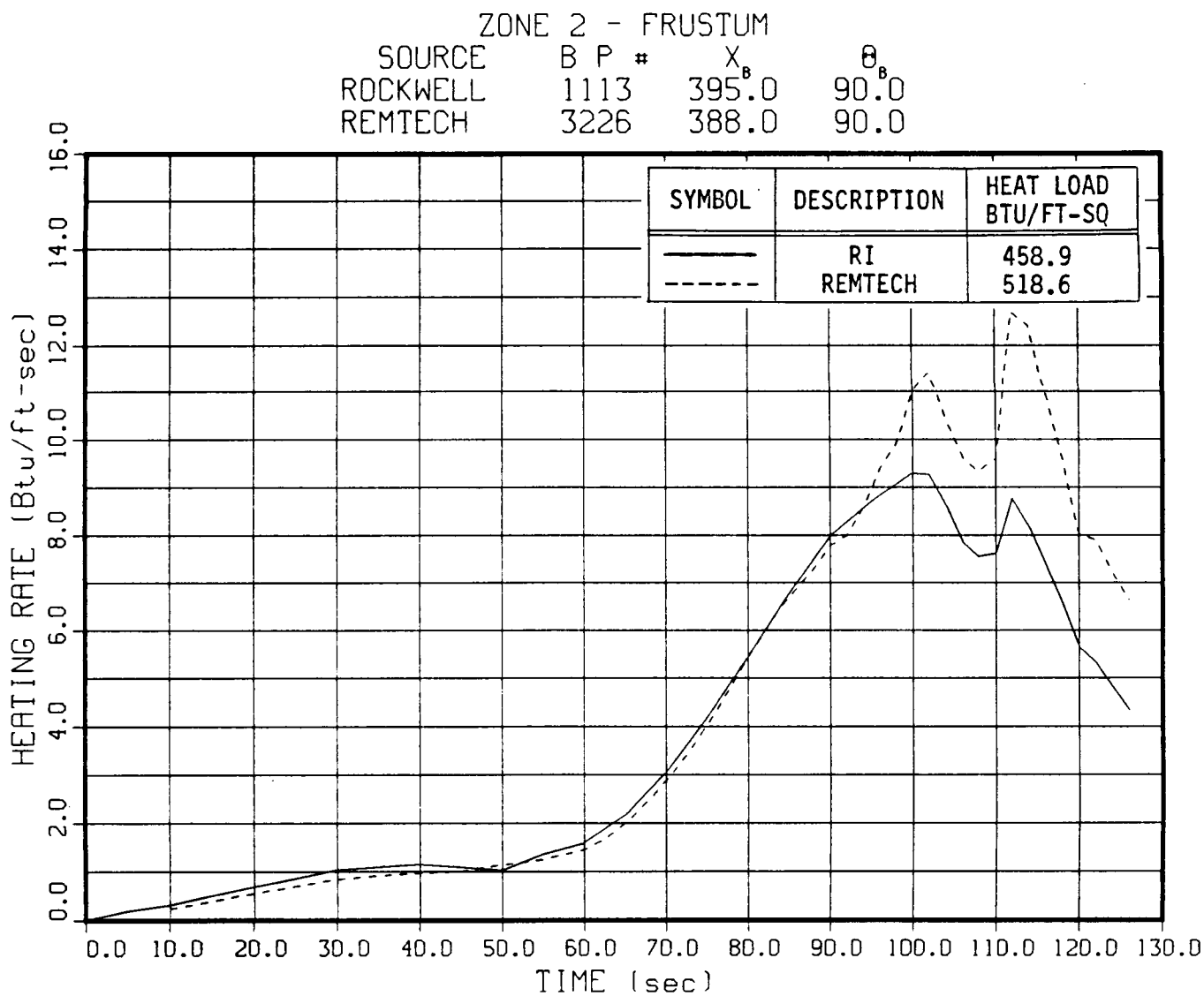
ZONE 2 - FRUSTUM

SOURCE	B P #	X	θ
ROCKWELL	10706	293.8	34.0
REMTECH	1455	292.1	32.0



Comment

- REMTECH environment considered high - No TPS design impact

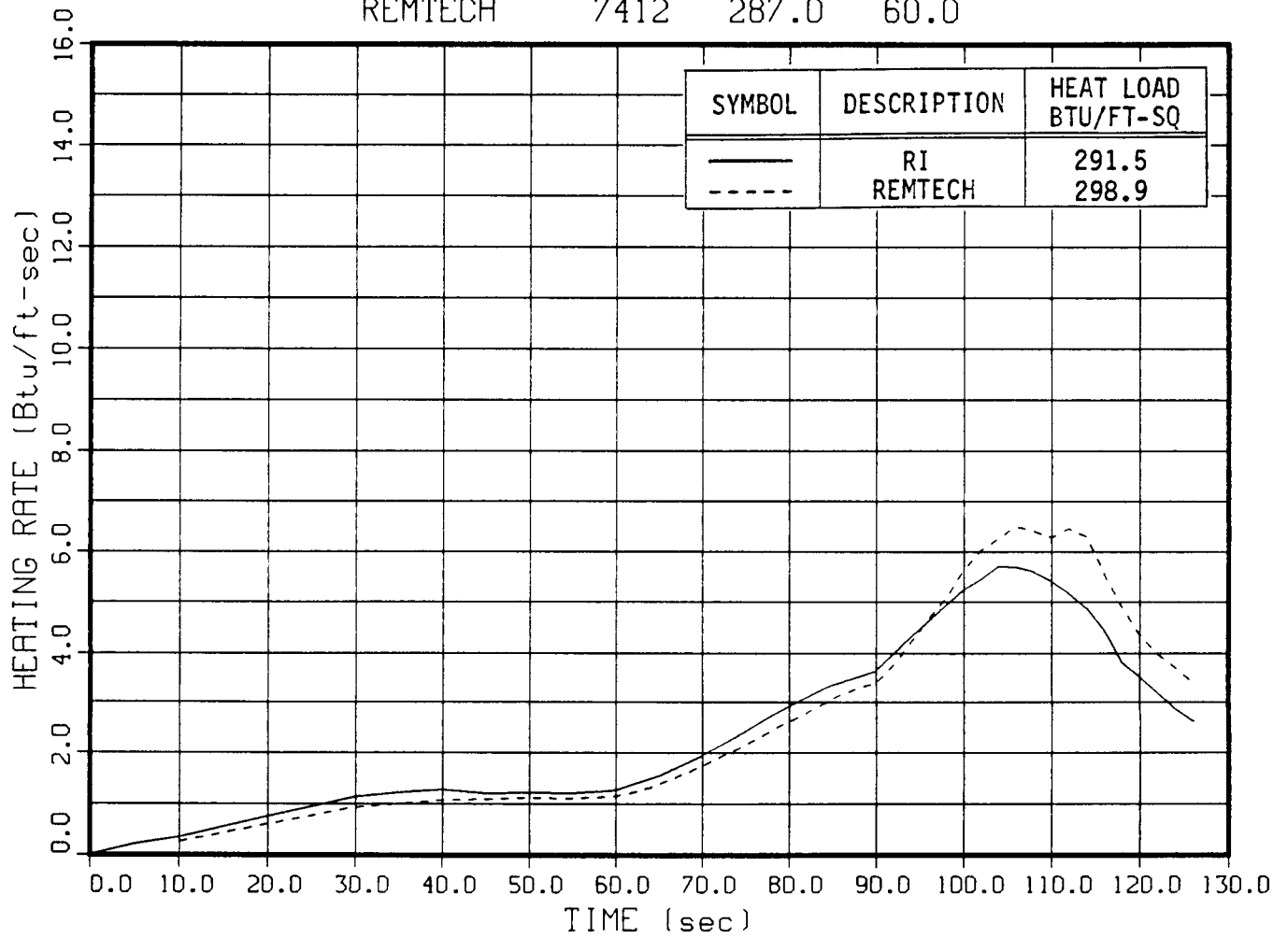


Comment

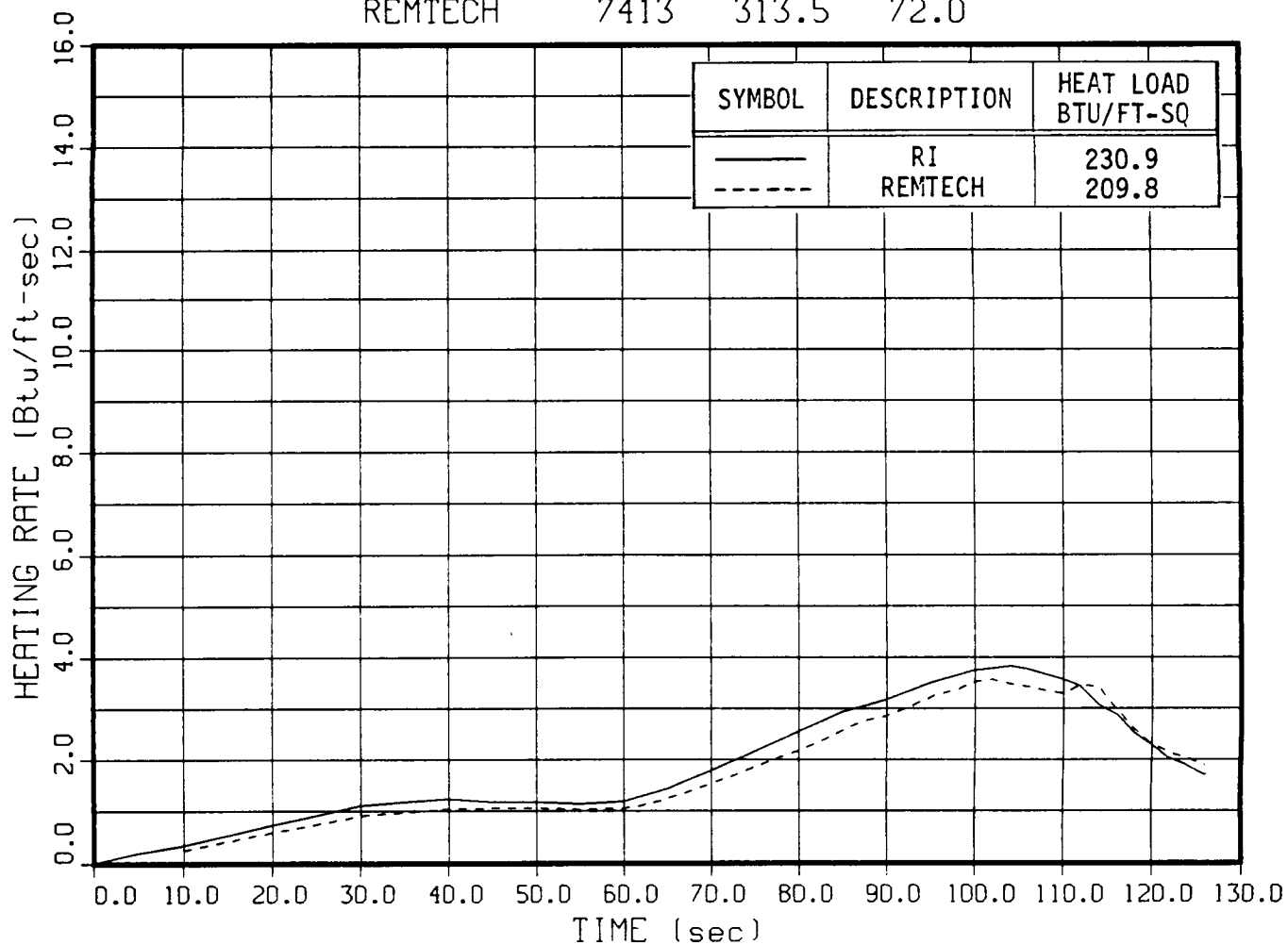
- RI IVBC-3 environment considered low. Data from upcoming DFI flights (STS-27R-31R) should help resolve discrepancy

ZONE 2 - FRUSTUM

SOURCE	B P #	X ^B	θ ^B
ROCKWELL	187412	287.1	74.0
REMTECH	7412	287.0	60.0

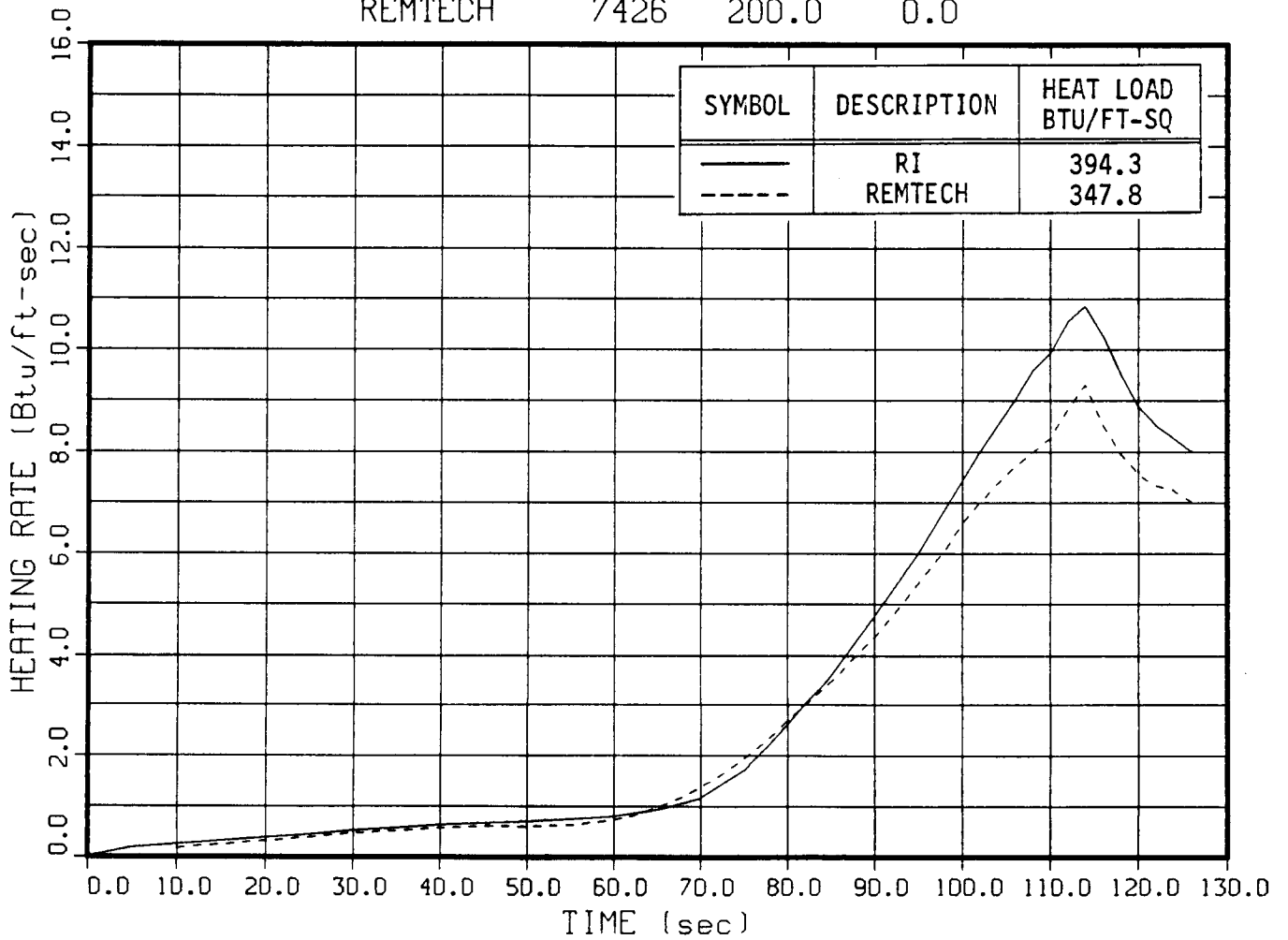


ZONE 2 - FRUSTUM
 SOURCE B P # X θ
 ROCKWELL 187413 313.5 72.0
 REMTECH 7413 313.5 72.0

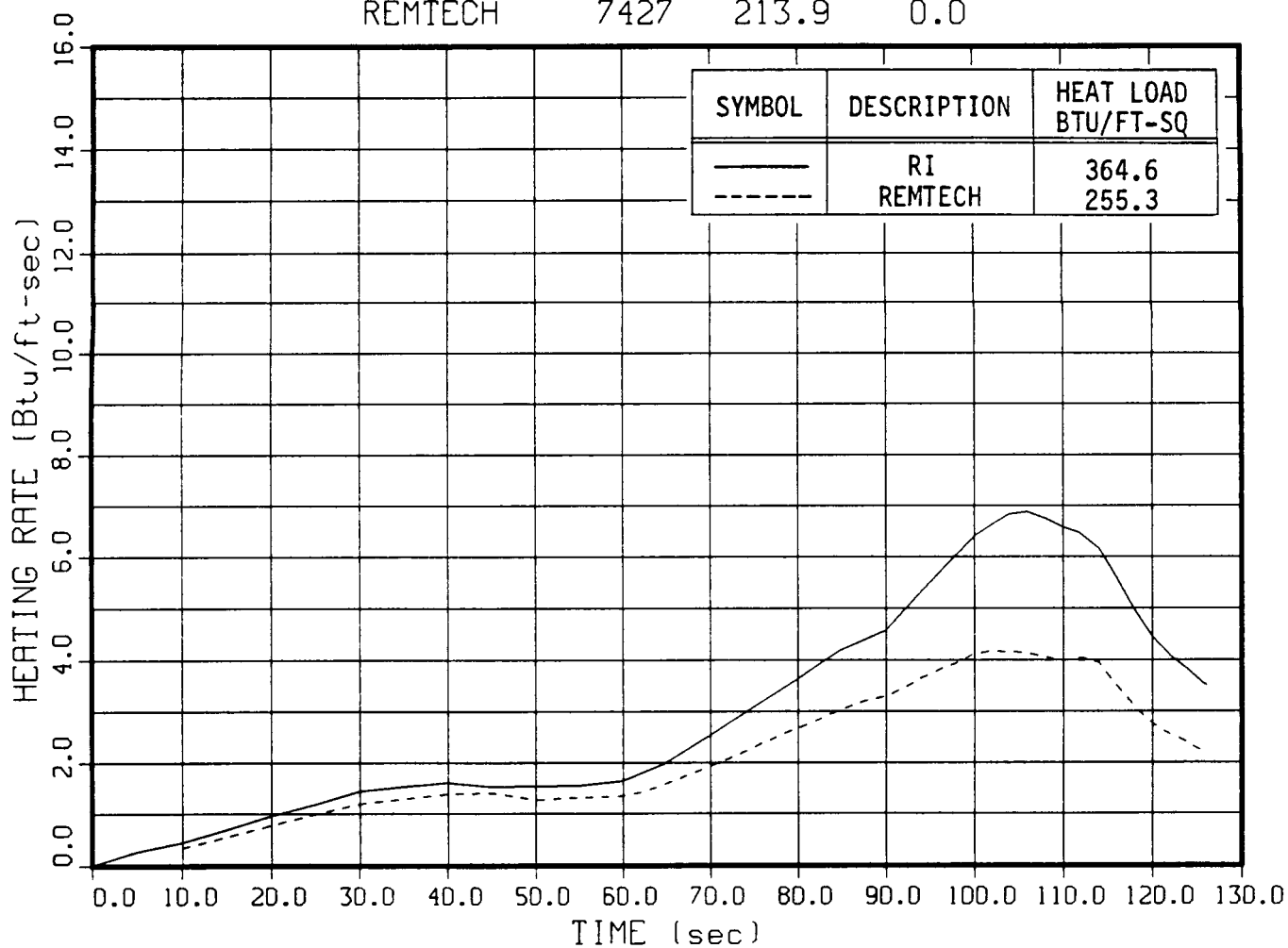


ZONE 2 - FRUSTUM

SOURCE	B P #	X	θ_b
ROCKWELL	187426	200.0	0.0
REMTECH	7426	200.0	0.0



ZONE 2 - FRUSTUM
 SOURCE B P # X θ
 ROCKWELL 187427 214.0 0.0
 REMTECH 7427 213.9 0.0

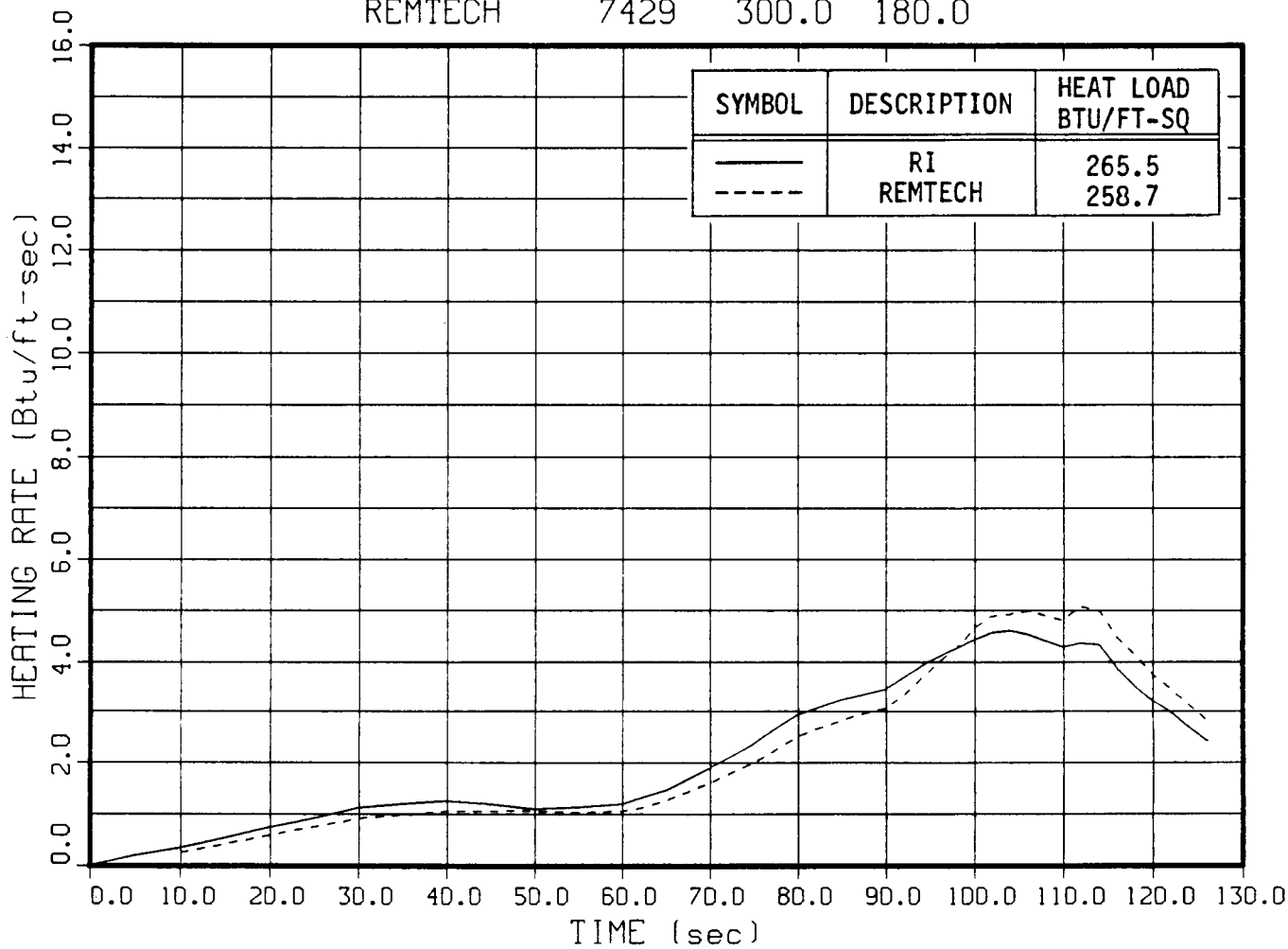


Comment

- REMTECH environment considered low. RI IVBC-3 rate and load more realistic

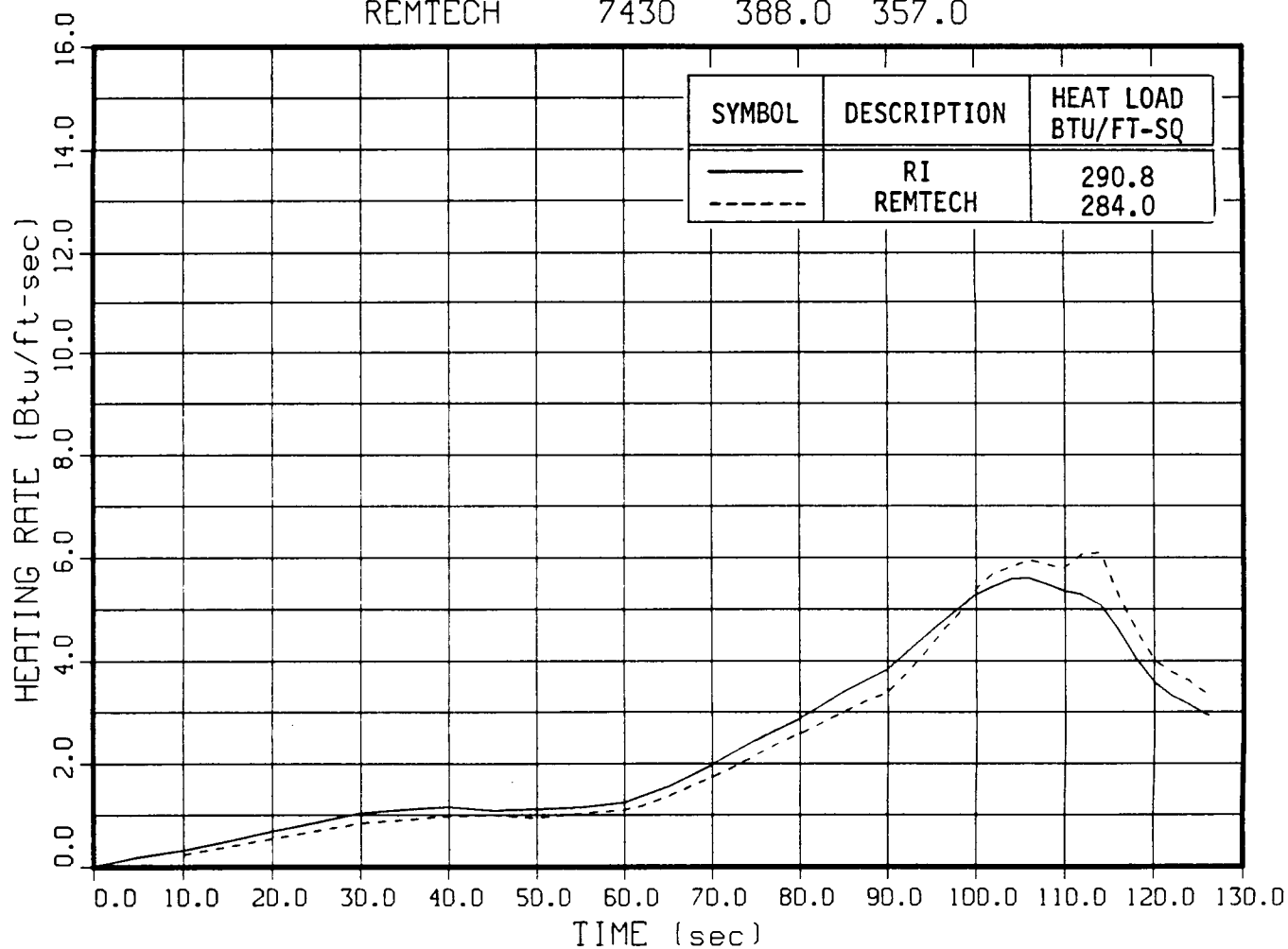
ZONE 2 - FRUSTUM

SOURCE	B P #	X	θ
ROCKWELL	187429	300.0	180.0
REMTECH	7429	300.0	180.0



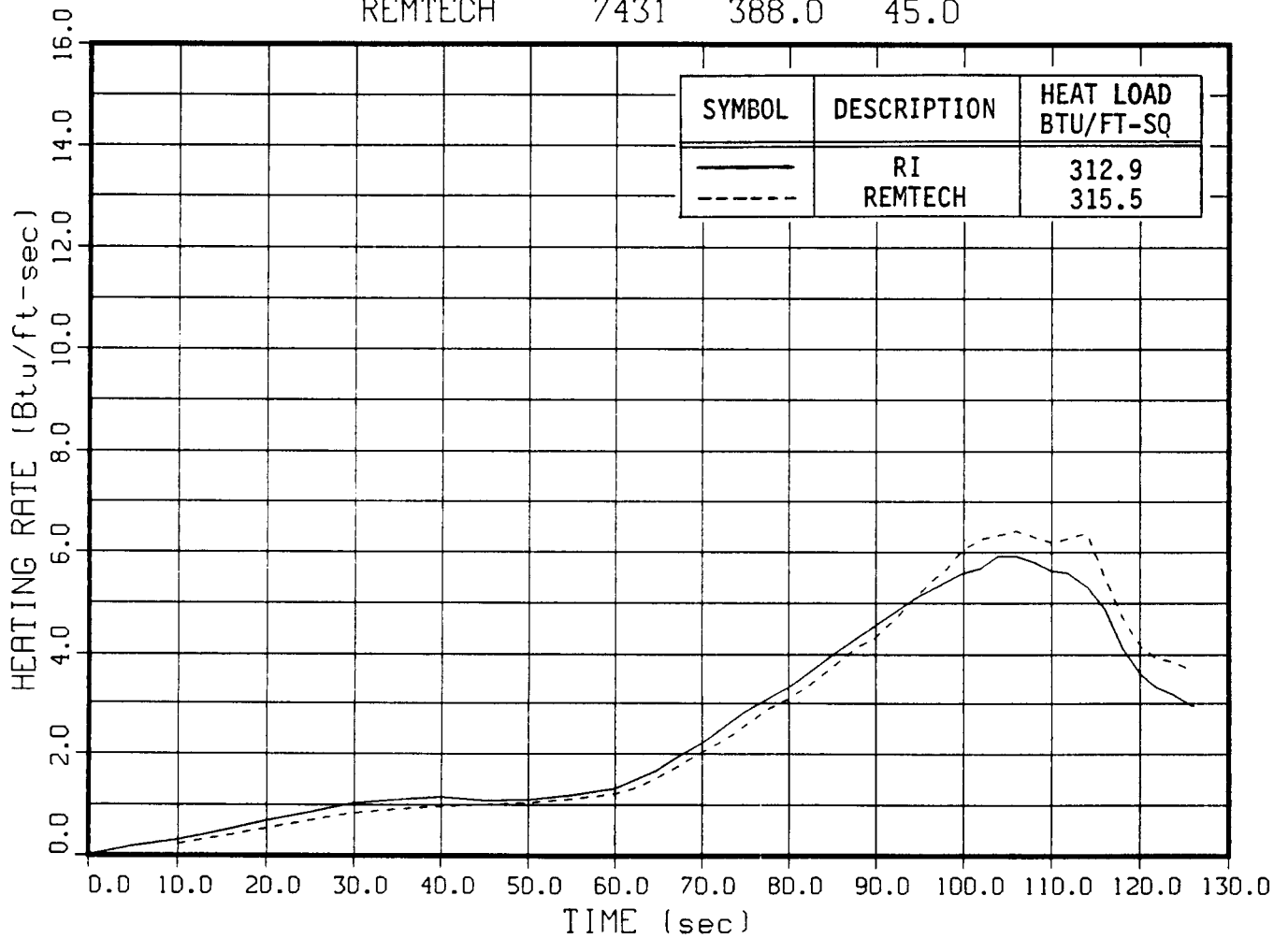
ZONE 2 - FRUSTUM

SOURCE	B P #	X _B	θ _B
ROCKWELL	187430	387.0	0.0
REMTECH	7430	388.0	357.0



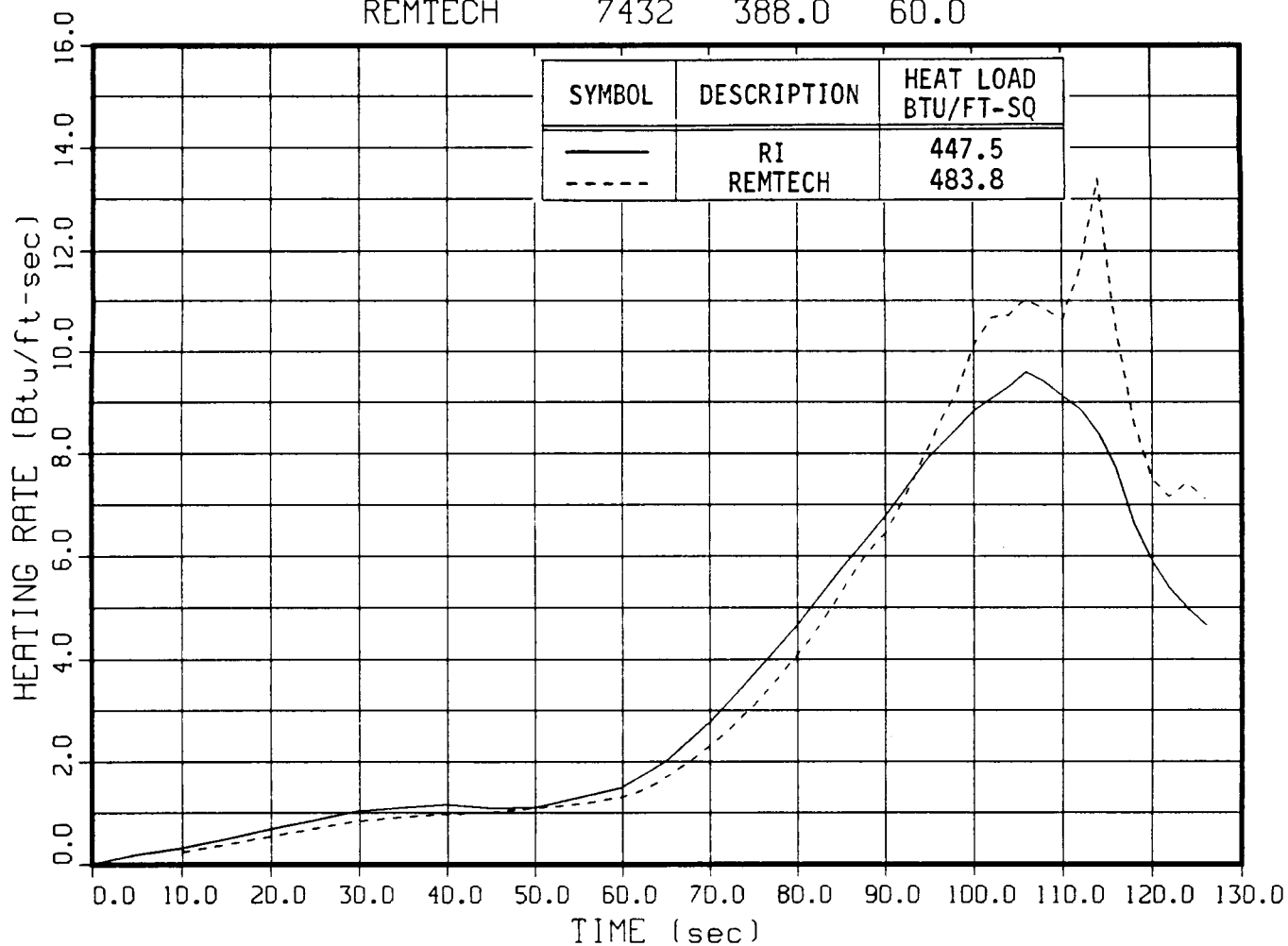
ZONE 2 - FRUSTUM

SOURCE	B P #	X	θ
ROCKWELL	187431	387.0	45.0
REMTECH	7431	388.0	45.0



ZONE 2 - FRUSTUM

SOURCE	B P #	X	θ
ROCKWELL	187432	387.9	60.0
REMTECH	7432	388.0	60.0

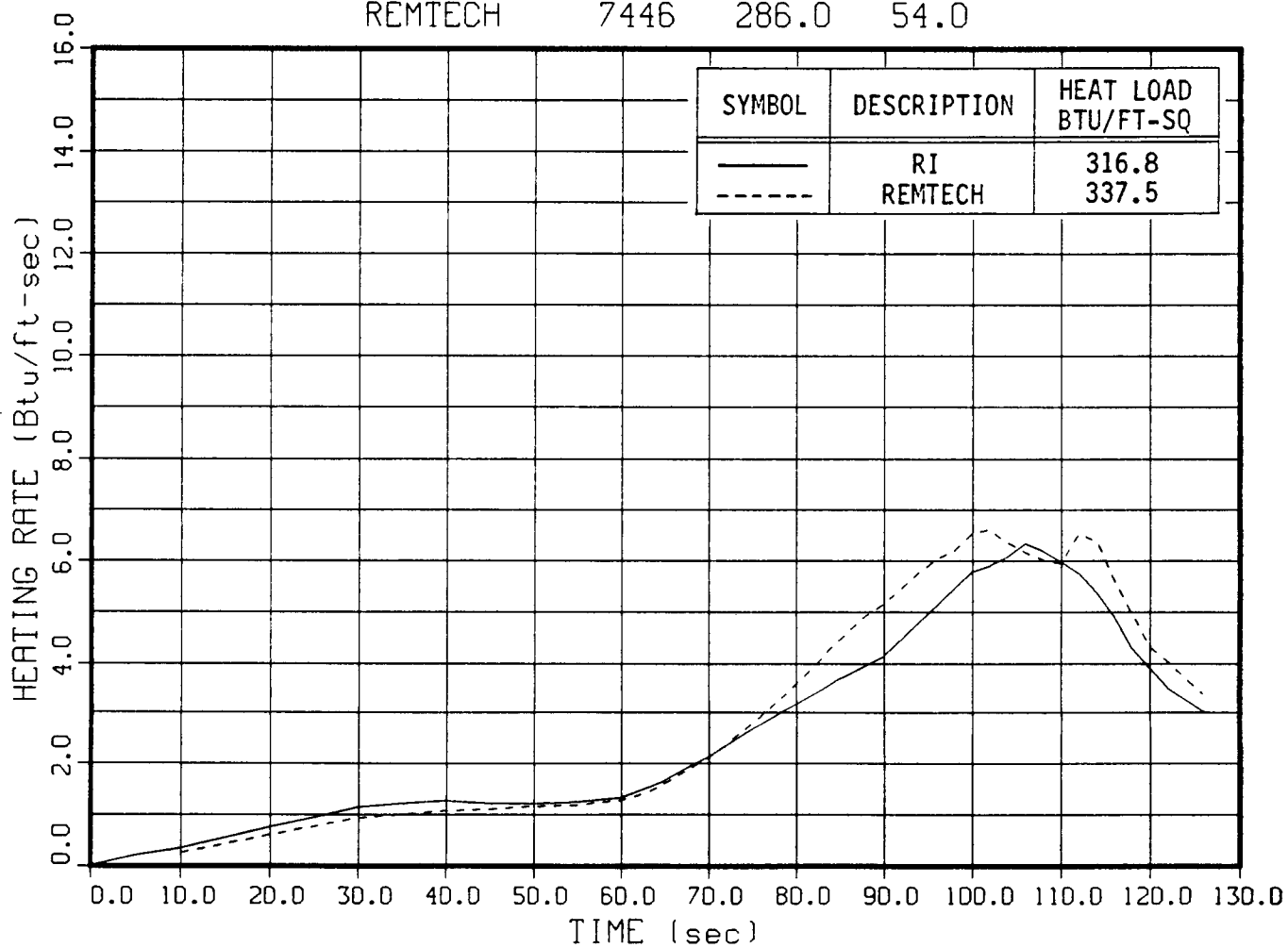


Comment

- Agreement considered acceptable - No TPS design impact

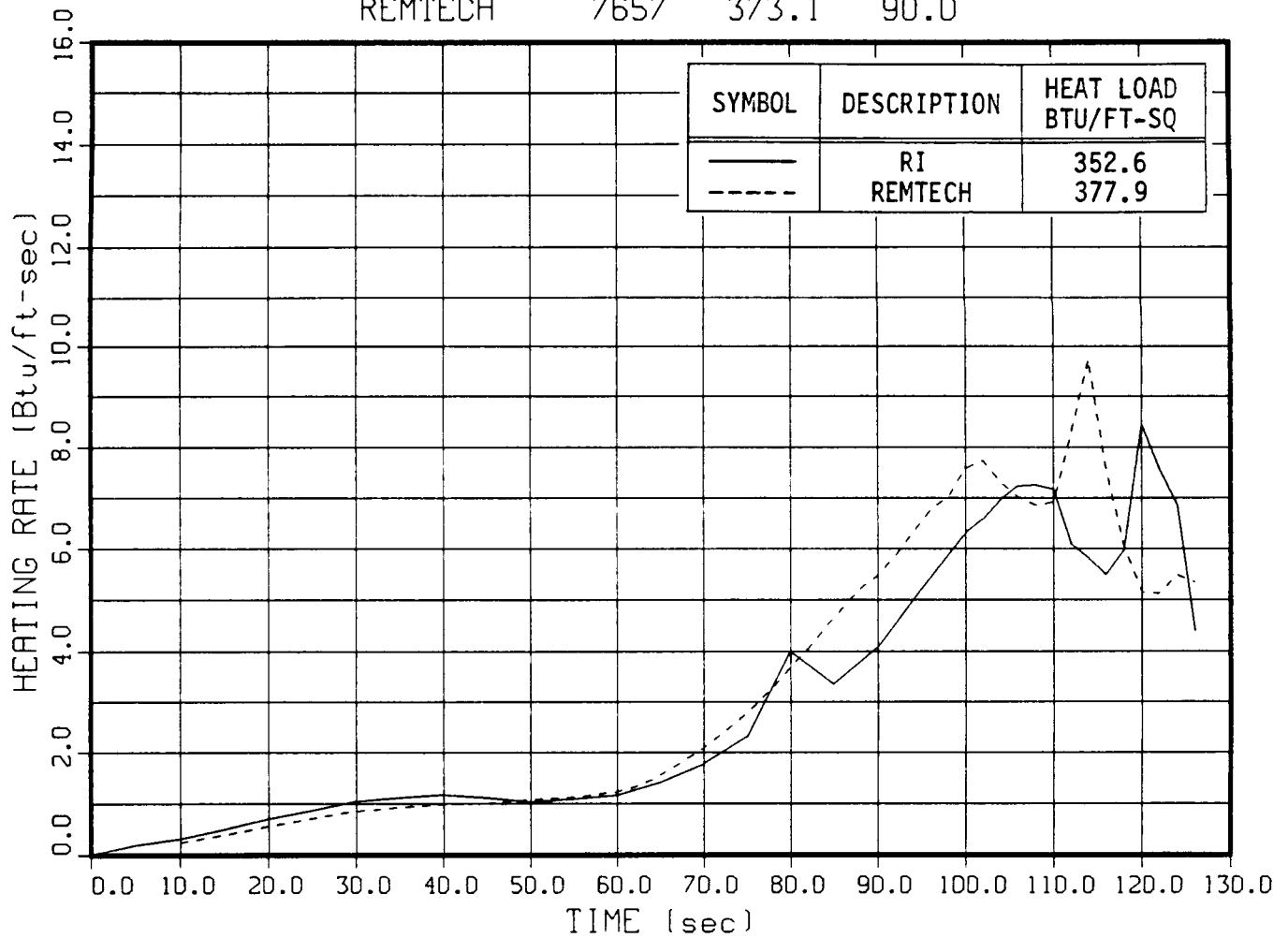
ZONE 2 - FRUSTUM

SOURCE	B P #	X	θ
ROCKWELL	187446	286.0	54.0
REMTECH	7446	286.0	54.0



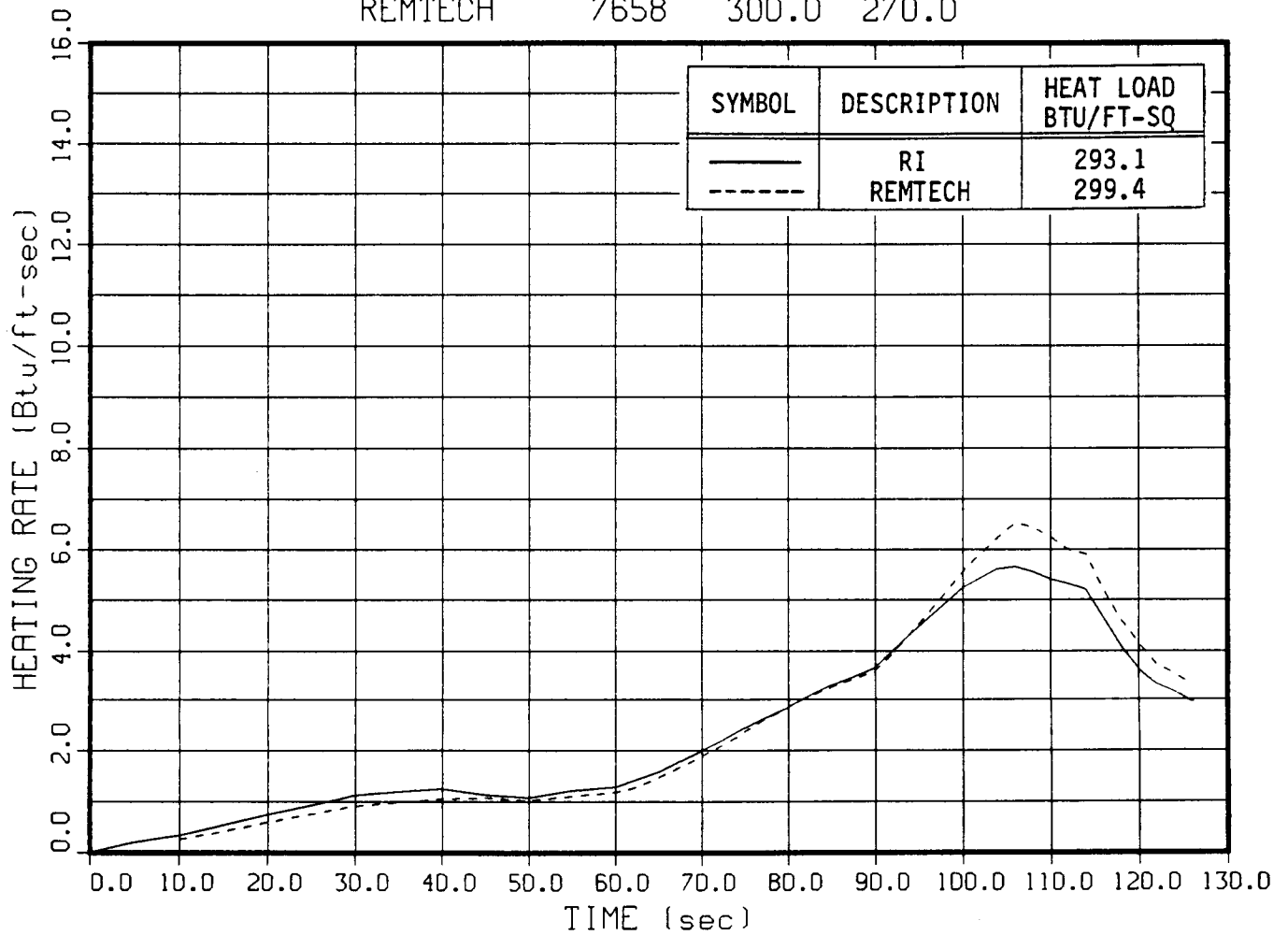
ZONE 2 - FRUSTUM

SOURCE	B P #	X	θ
ROCKWELL	187657	373.1	90.0
REMTECH	7657	373.1	90.0



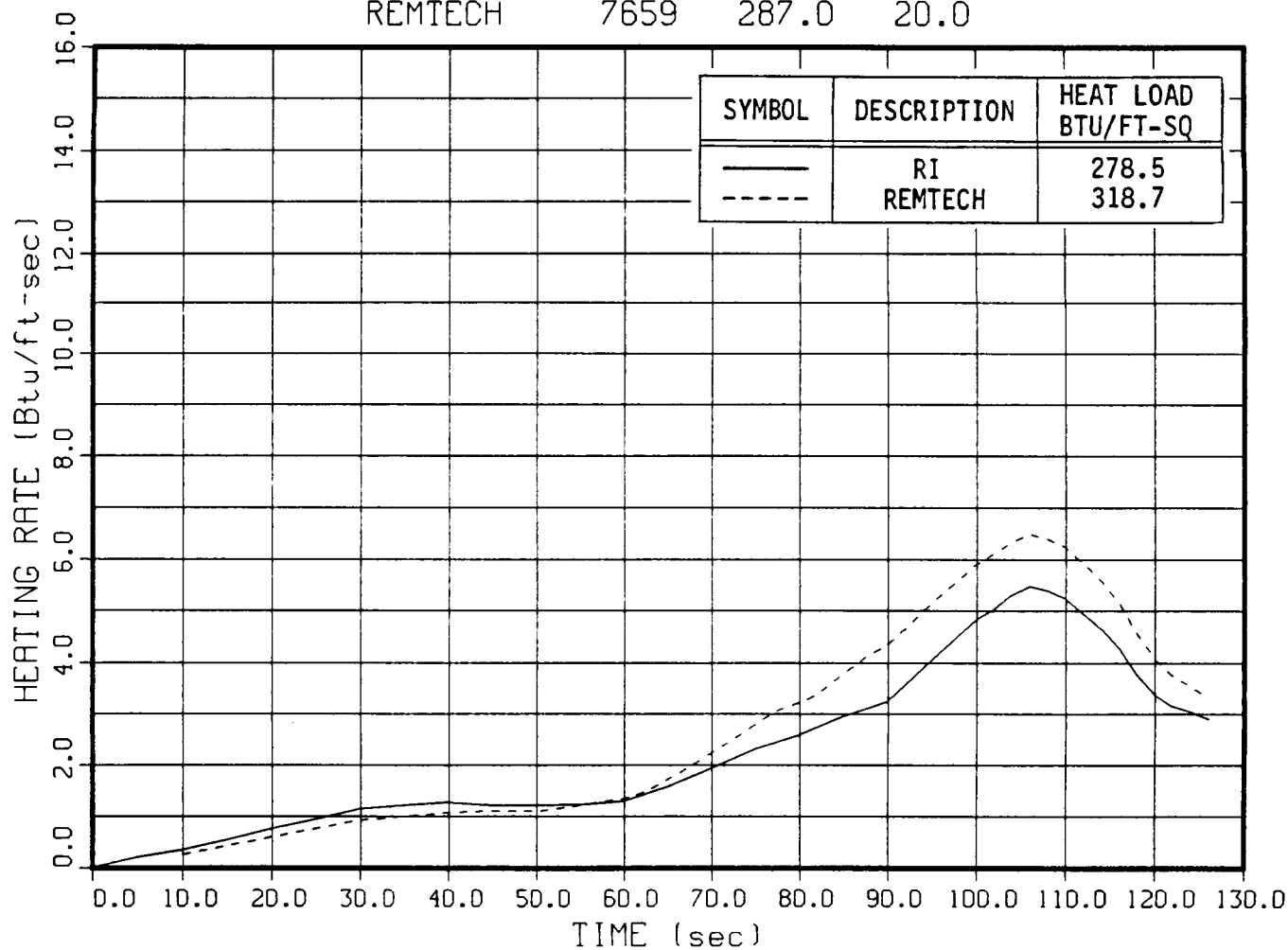
ZONE 2 - FRUSTUM

SOURCE	B P #	X	θ
ROCKWELL	187658	300.0	355.0
REMTECH	7658	300.0	270.0



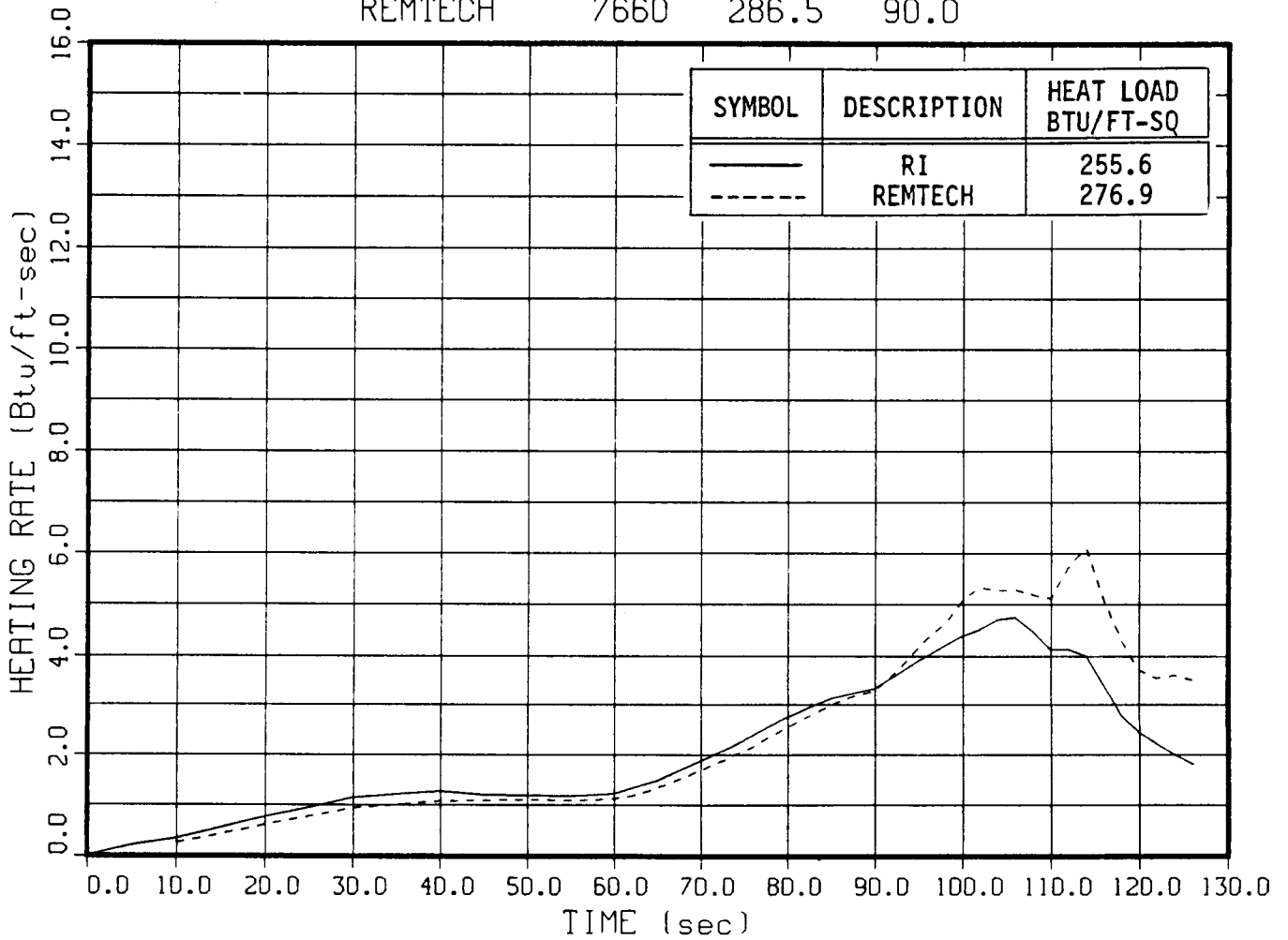
ZONE 2 - FRUSTUM

SOURCE	B P #	X	θ
ROCKWELL	187659	284.5	20.0
REMTECH	7659	287.0	20.0



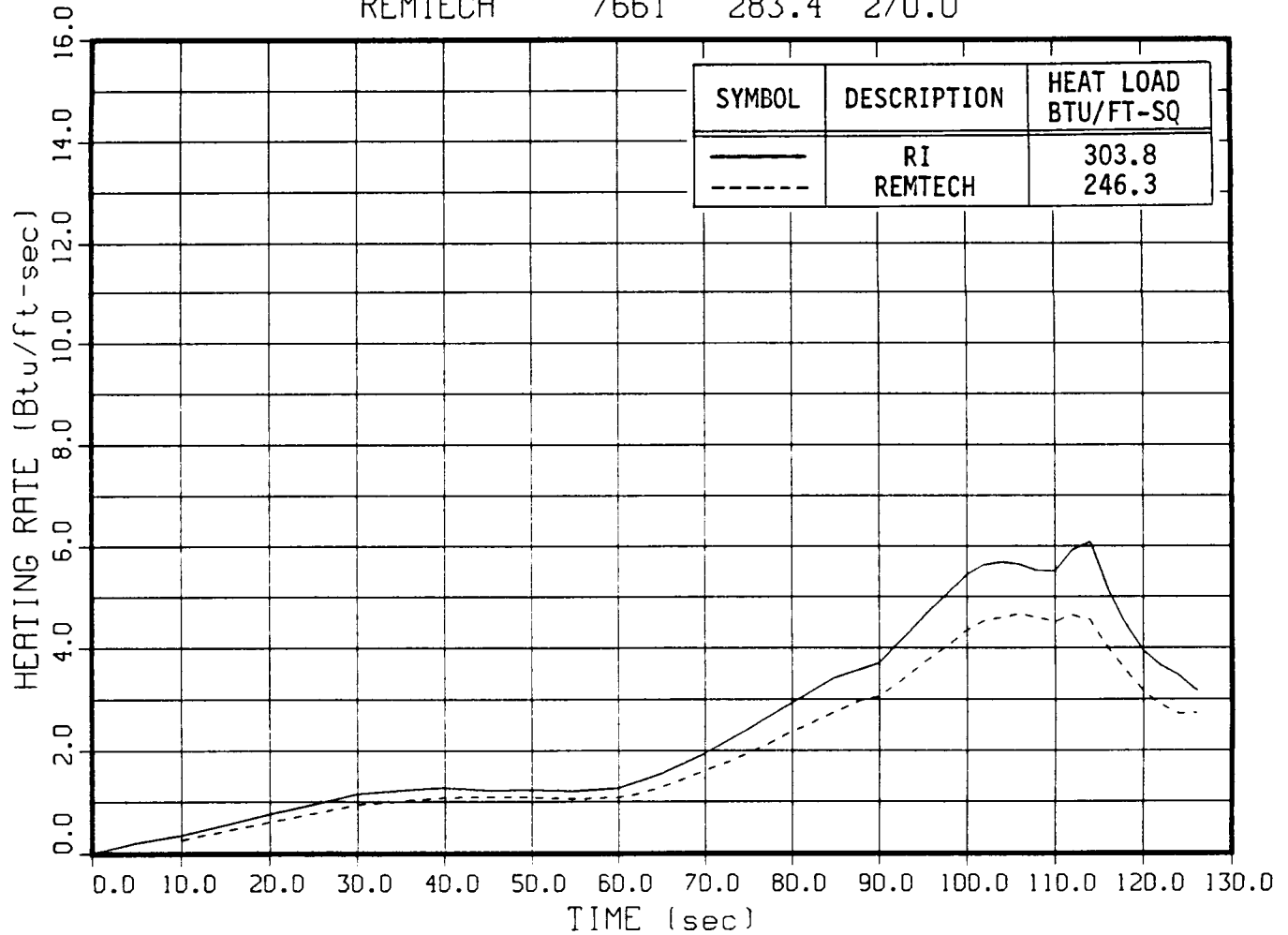
ZONE 2 - FRUSTUM

SOURCE	B P #	X _B	θ _B
ROCKWELL	187660	284.6	90.0
REMTECH	7660	286.5	90.0



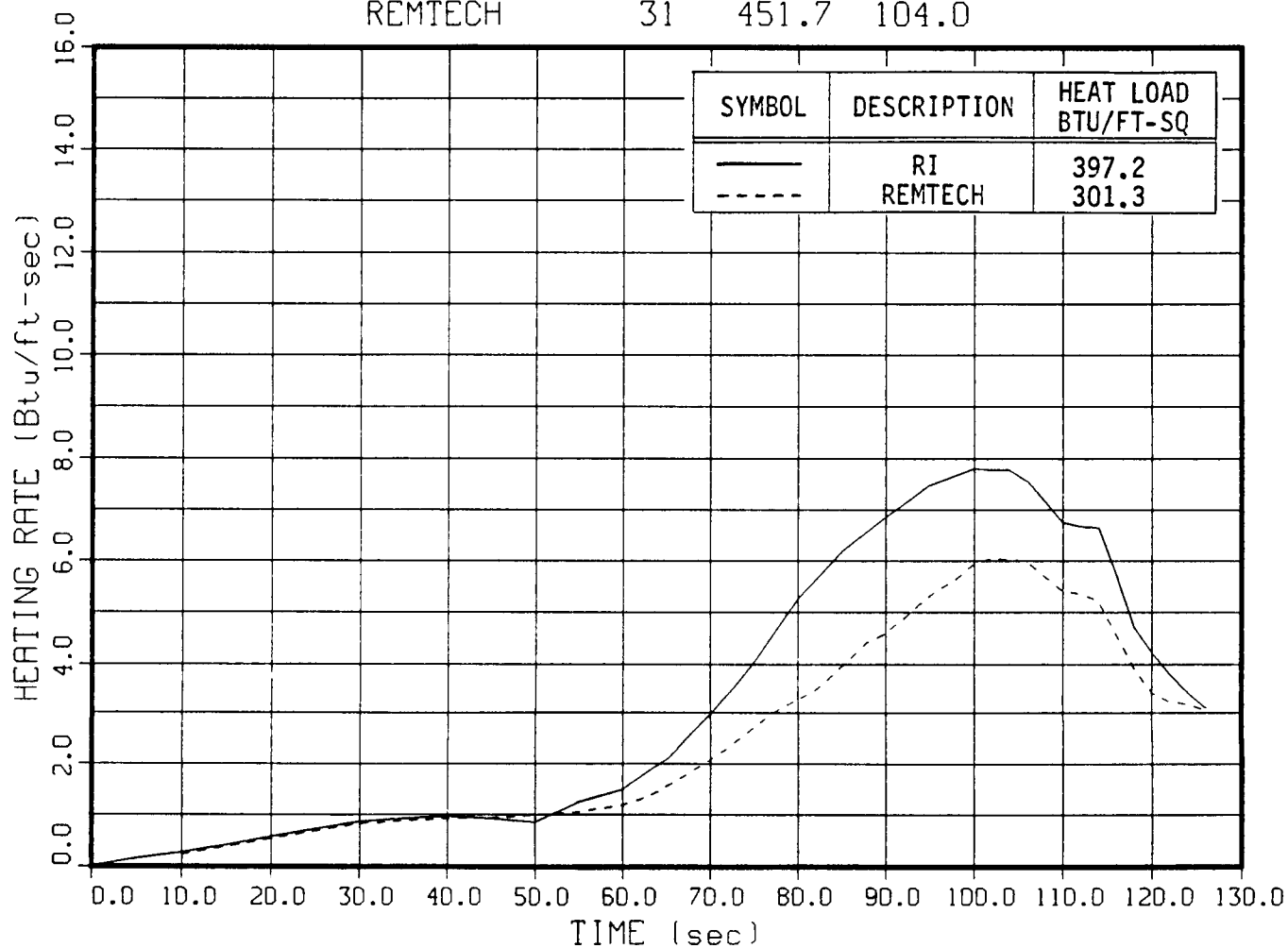
ZONE 2 - FRUSTUM

SOURCE	B P #	X ₈	θ ₈
ROCKWELL	187661	284.5	270.0
REMTECH	7661	283.4	270.0



ZONE 3 - FORWARD SKIRT

SOURCE	B P #	X	θ
ROCKWELL	10784	451.7	105.8
REMTECH	31	451.7	104.0

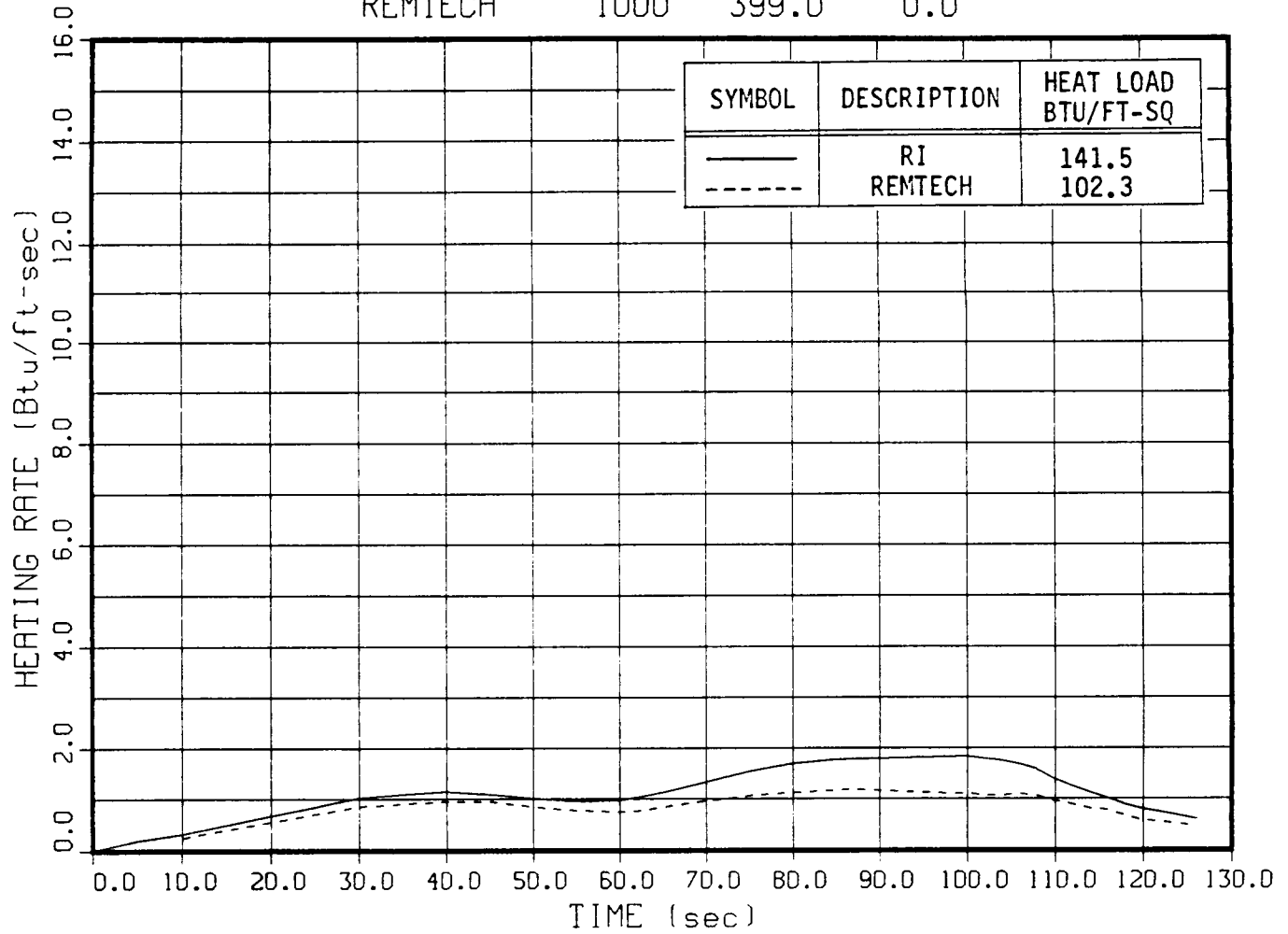


Comment

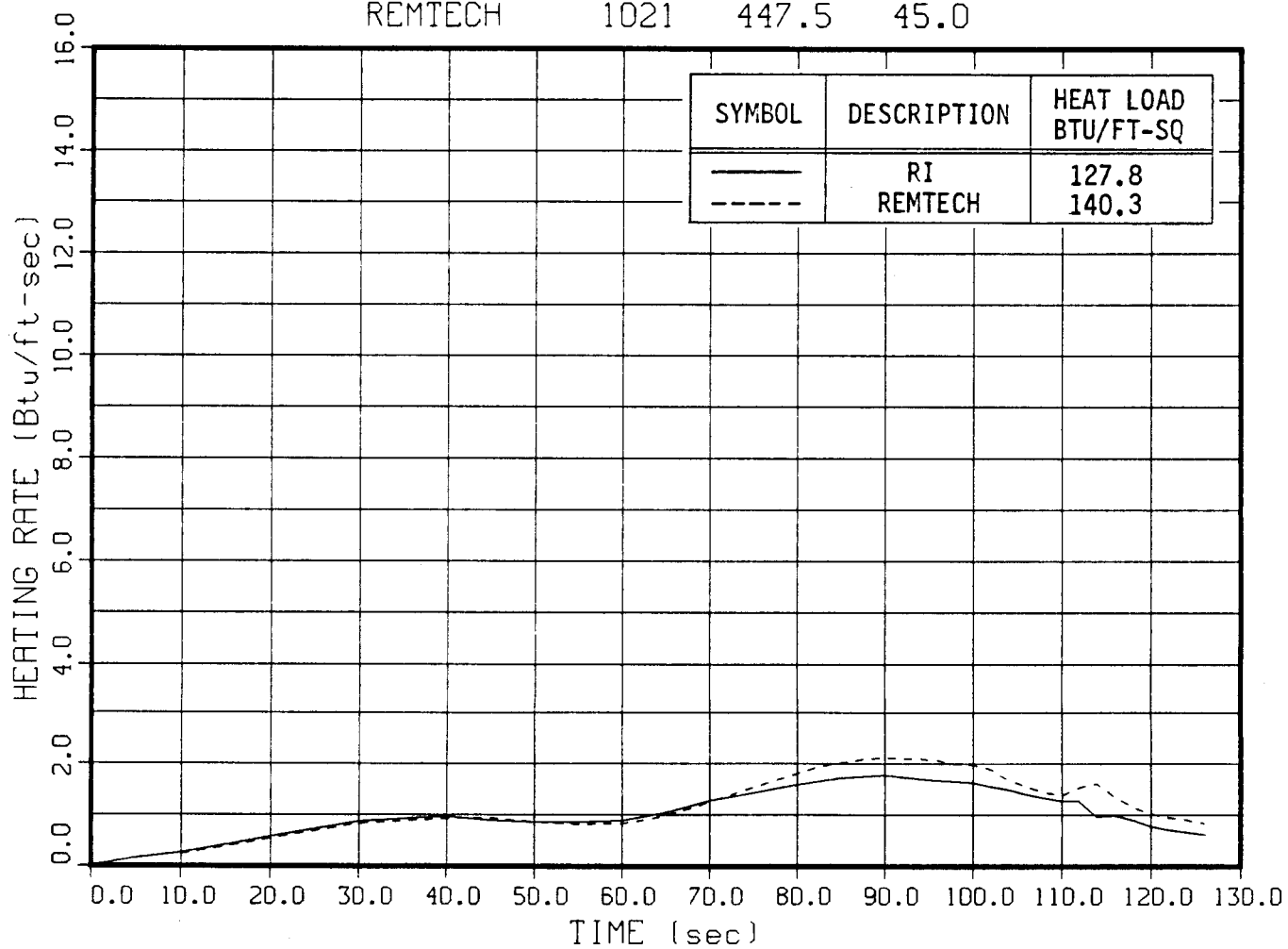
- Agreement acceptable - No TPS design impact

ZONE 3 - FORWARD SKIRT

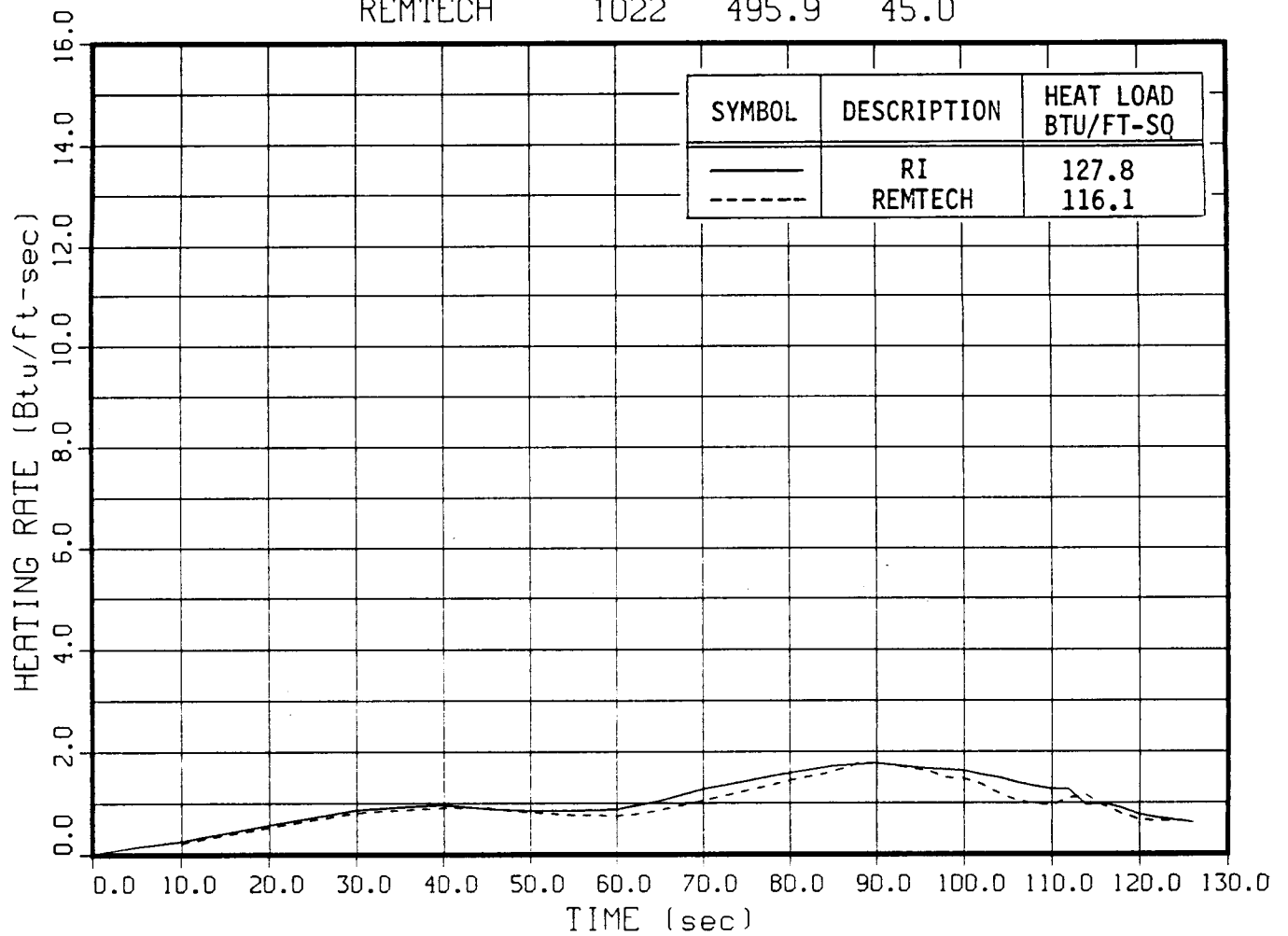
SOURCE	B P #	X _B	θ _B
ROCKWELL	1120	401.0	0.0
REMTECH	1000	399.0	0.0



ZONE 3 - FORWARD SKIRT
 SOURCE B P # X θ
 ROCKWELL 1157 459.6 30.0
 REMTECH 1021 447.5 45.0

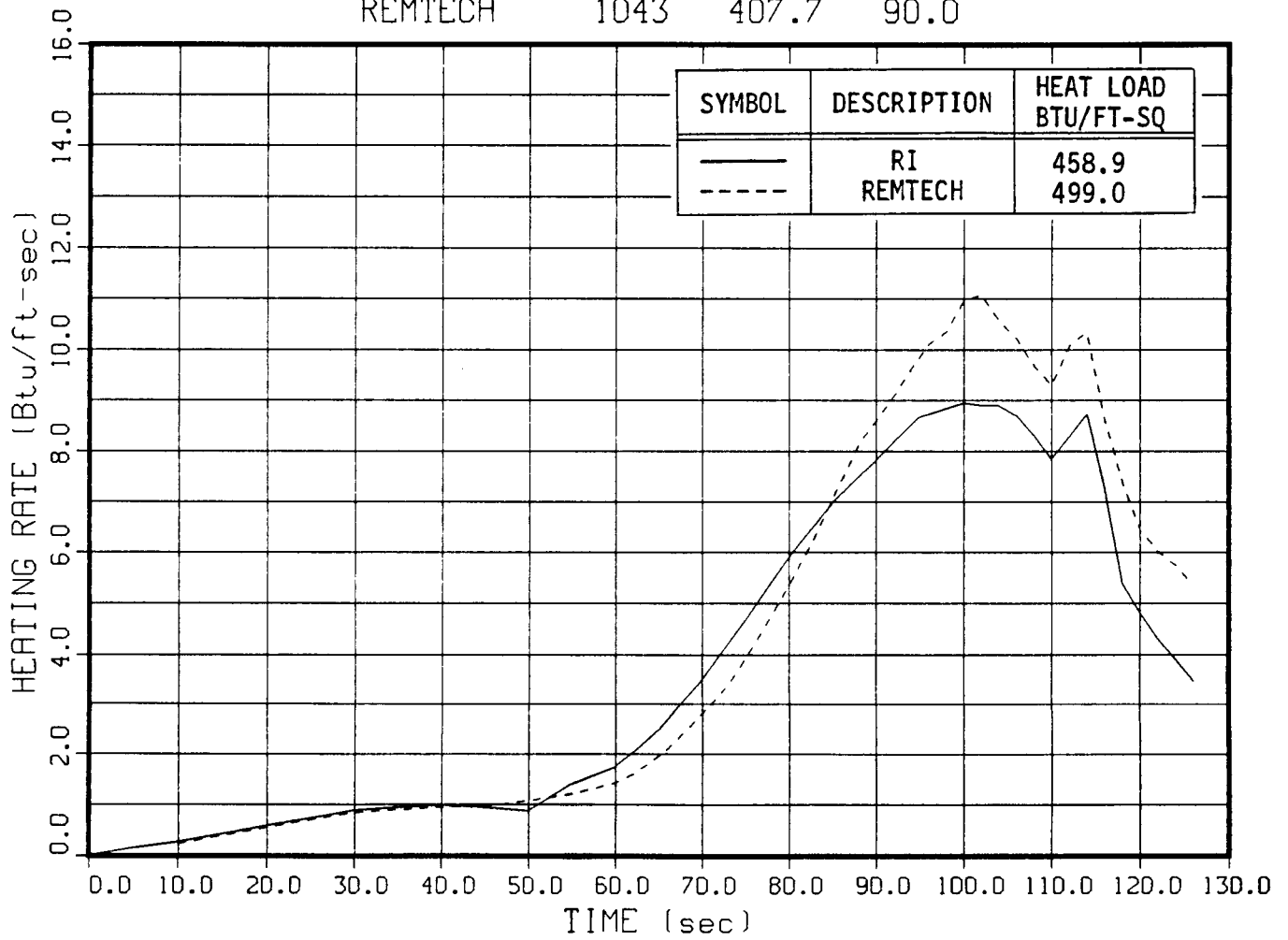


ZONE 3 - FORWARD SKIRT
 SOURCE B P # X θ
 ROCKWELL 1157 459.6 30.0
 REMTECH 1022 495.9 45.0

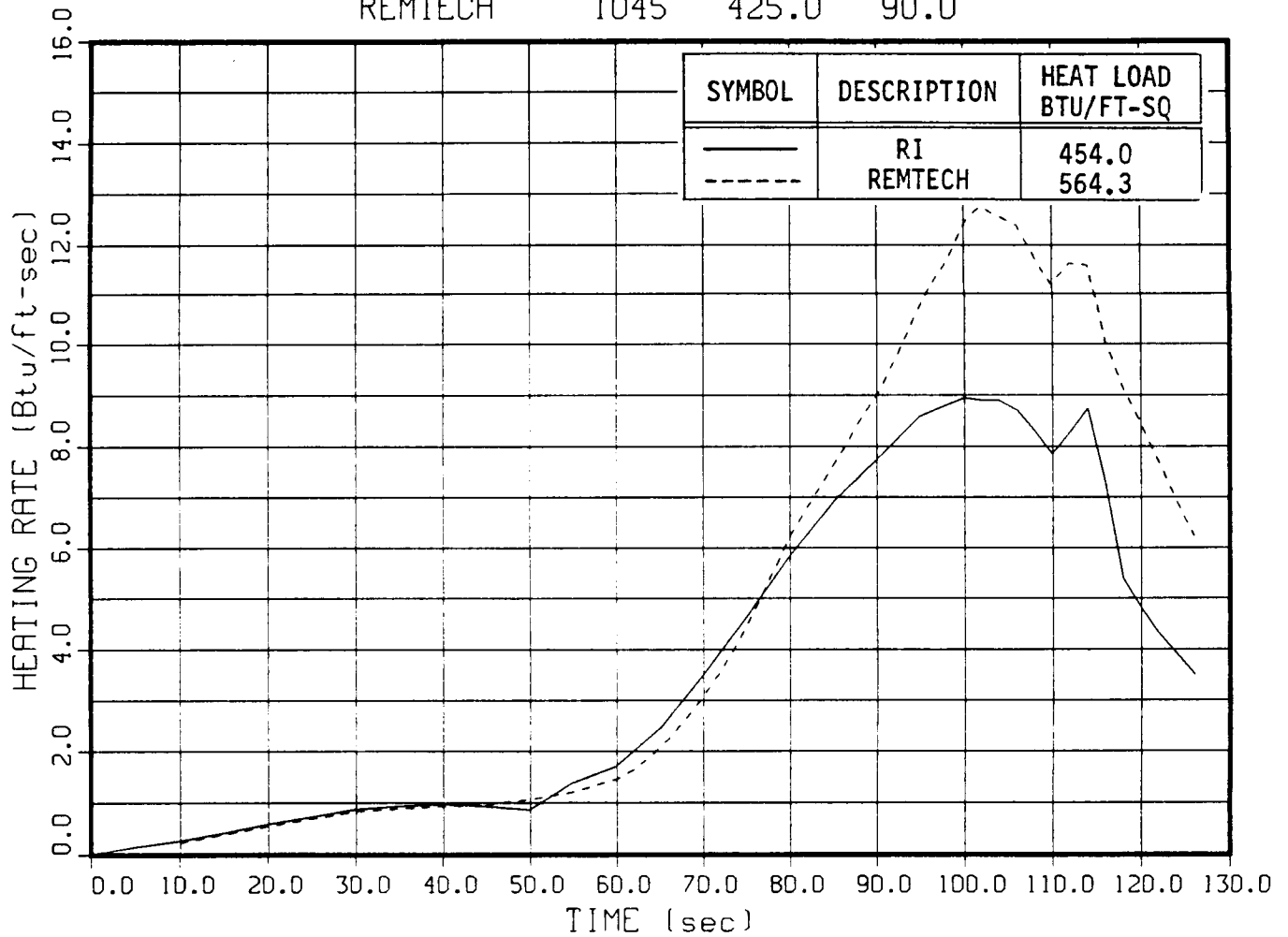


ZONE 3 - FORWARD SKIRT

SOURCE	B P #	X _B	θ _B
ROCKWELL	10742	407.0	90.0
REMTECH	1043	407.7	90.0



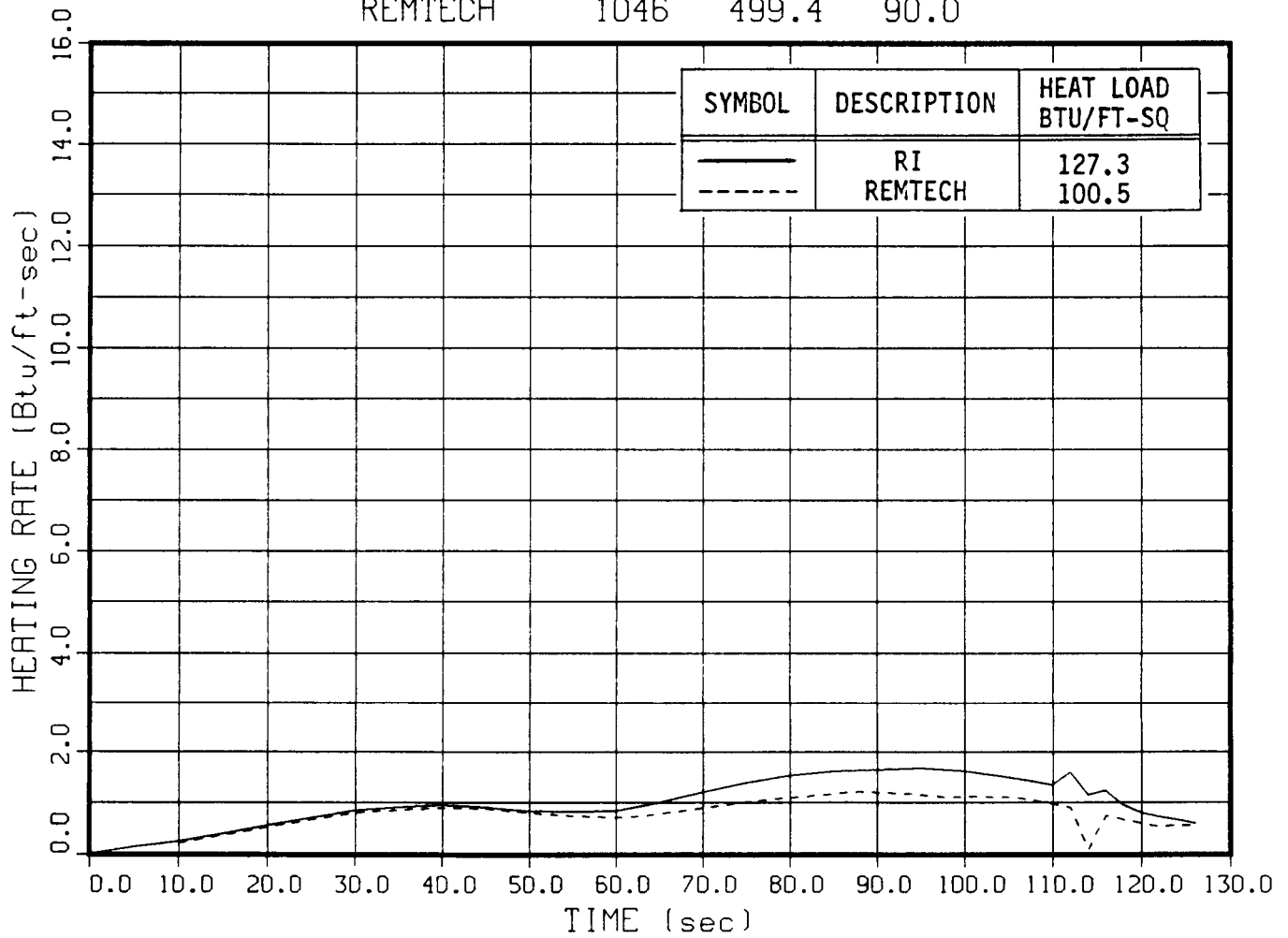
ZONE 3 - FORWARD SKIRT
 SOURCE B P # X^B θ^B
 ROCKWELL 10743 431.0 90.0
 REMTECH 1045 425.0 90.0



Comment

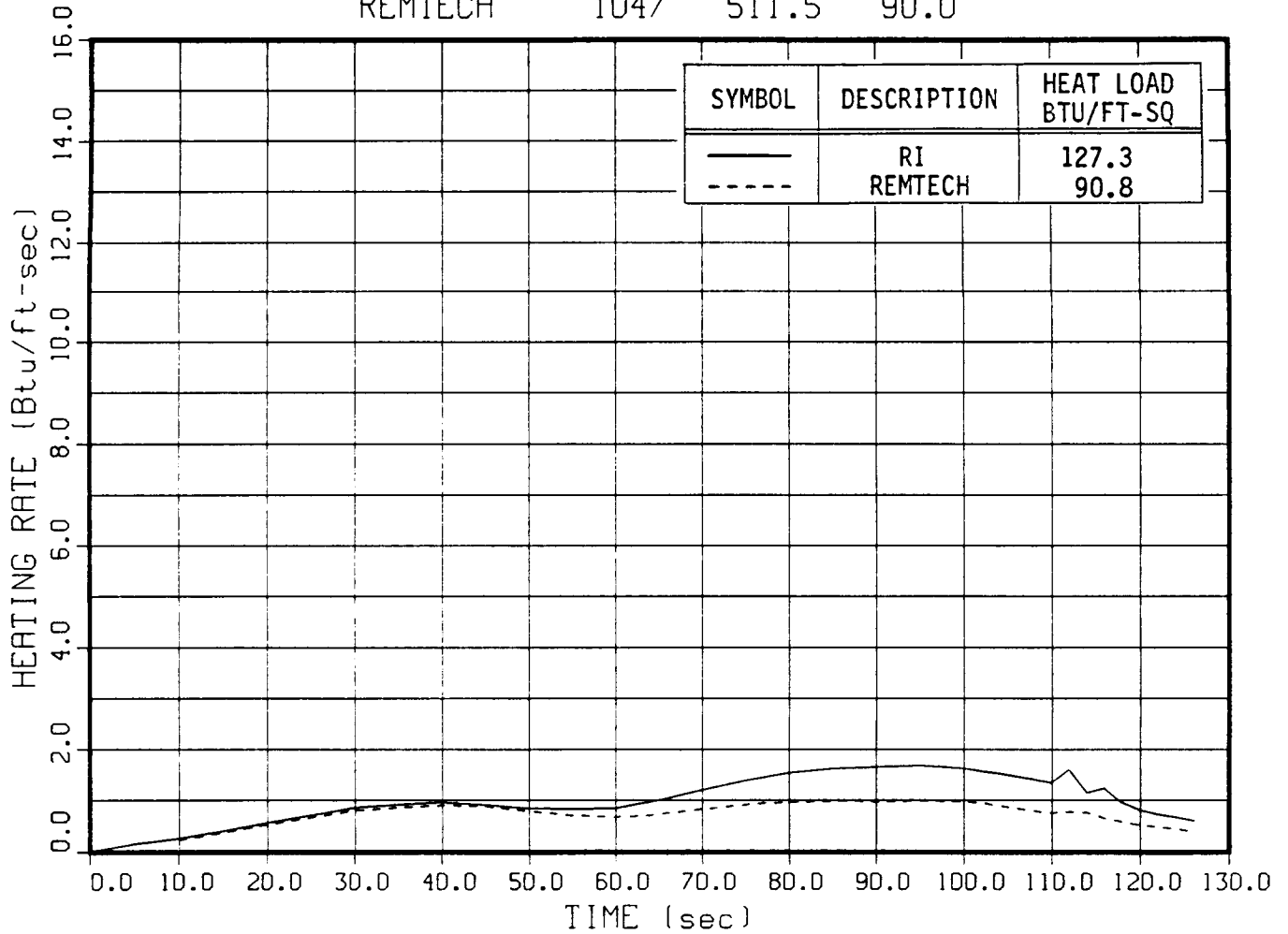
- Agreement acceptable - No TPS design impact. Design driver is B.P. 7656

ZONE 3 - FORWARD SKIRT
 SOURCE B P # X θ
 ROCKWELL 1173 494^B.2 90^B.0
 REMTECH 1046 499.4 90.0

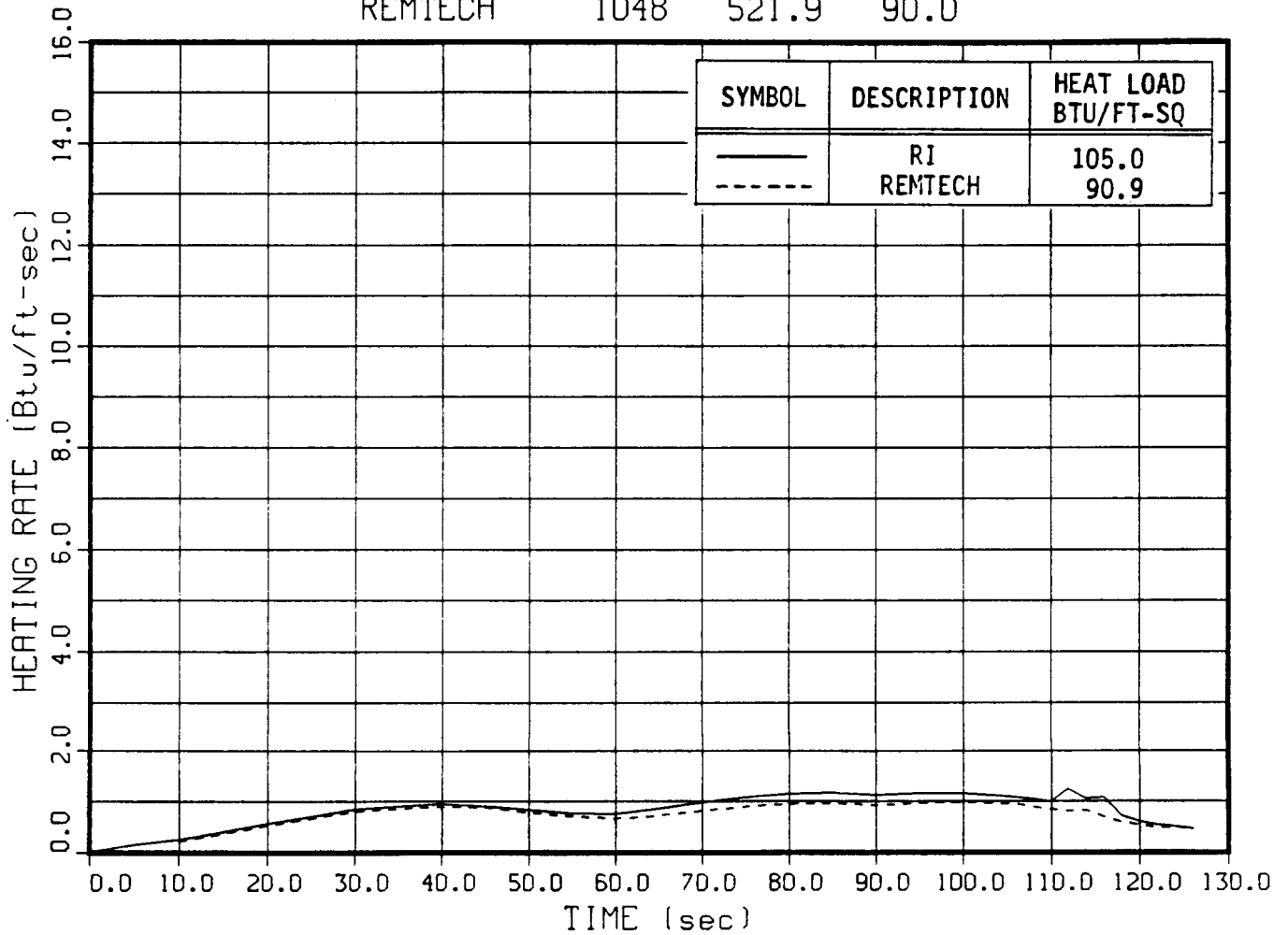


ZONE 3 - FORWARD SKIRT

SOURCE	B P #	X	θ
ROCKWELL	1173	494.2	90.0
REMTECH	1047	511.5	90.0

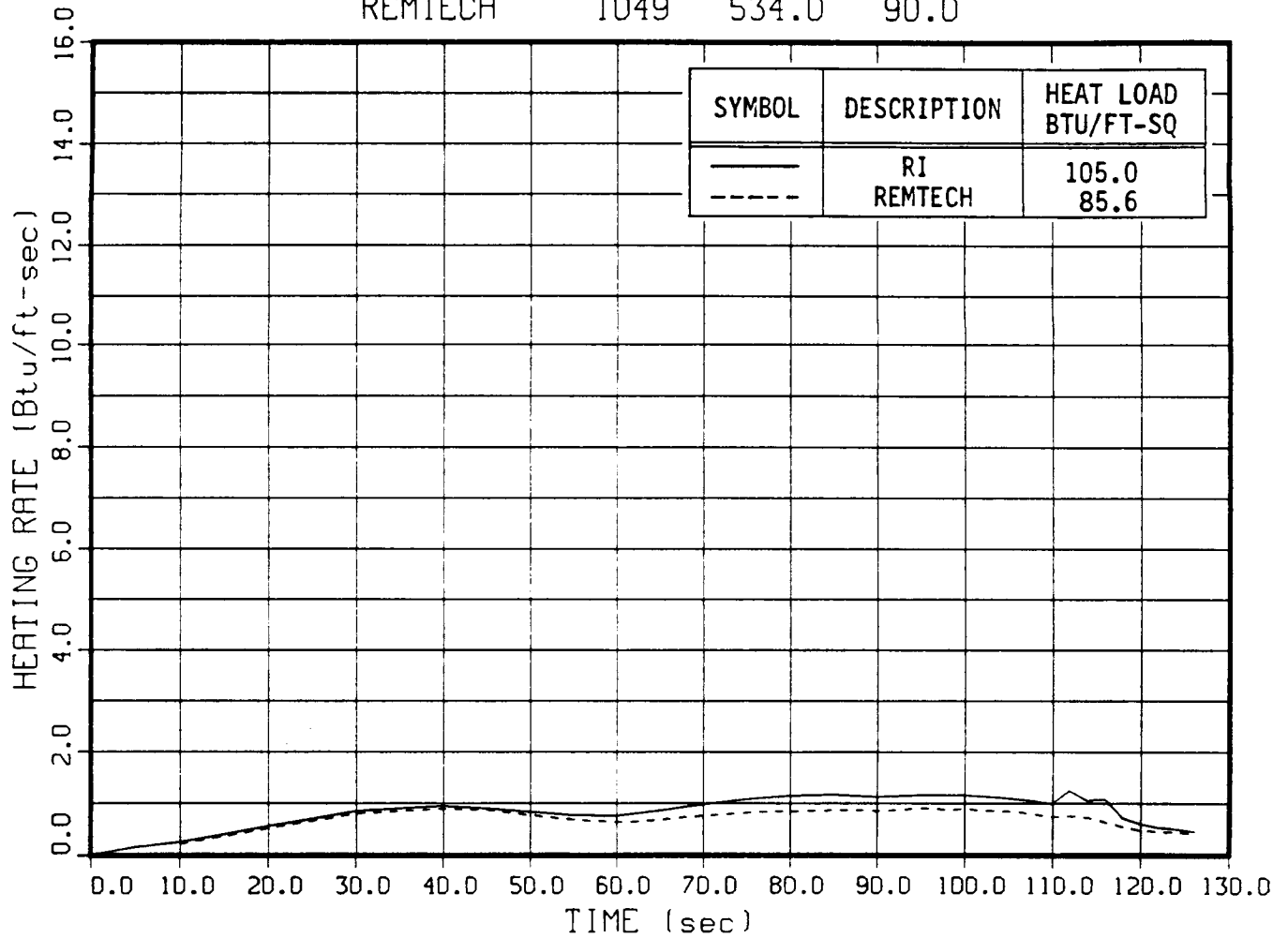


ZONE 3 - FORWARD SKIRT
 SOURCE B P # X θ
 ROCKWELL 1193 523.8 90.0
 REMTECH 1048 521.9 90.0

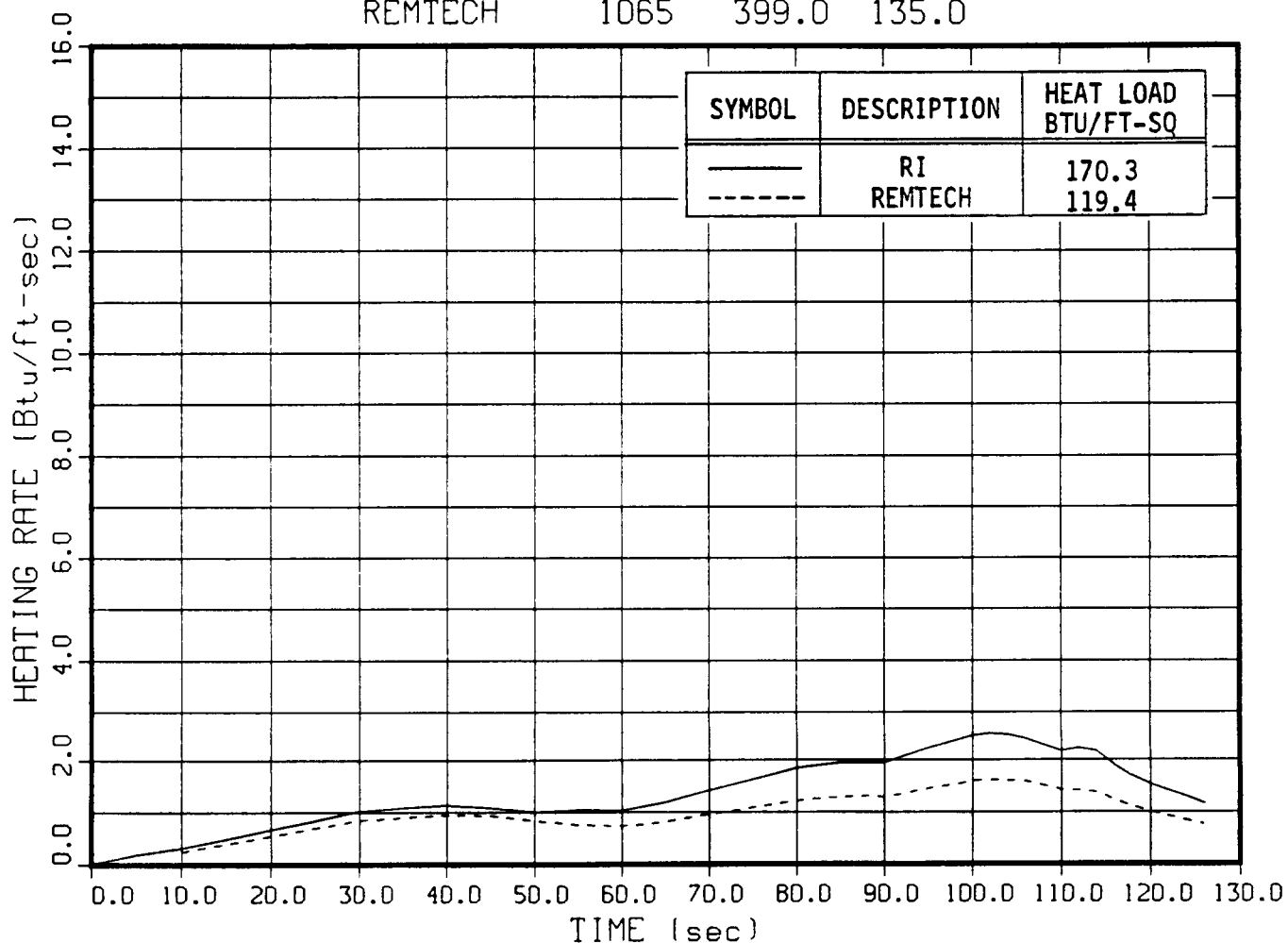


ZONE 3 - FORWARD SKIRT

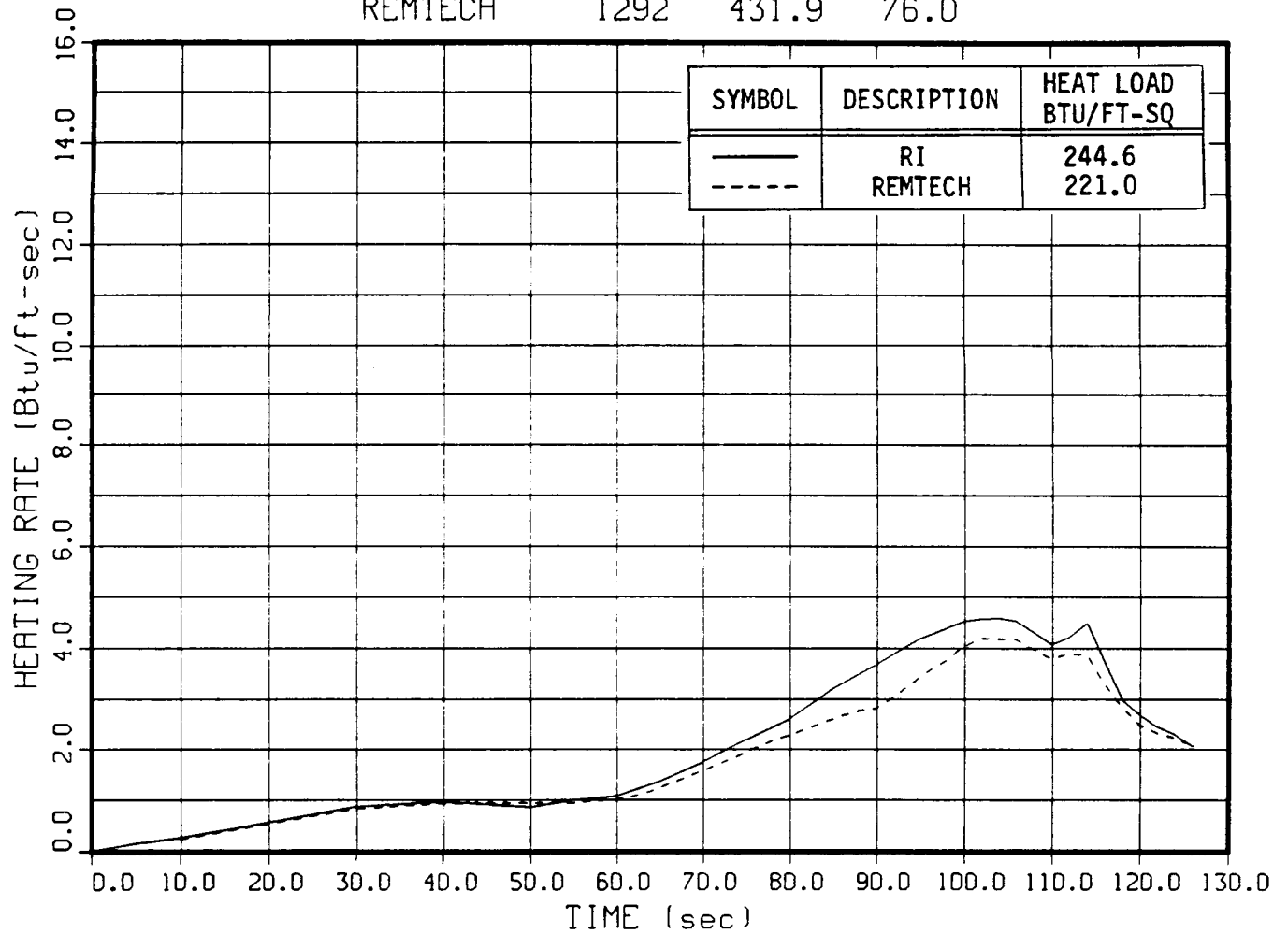
SOURCE	B P #	X	θ
ROCKWELL	1193	523.8	90.0
REMTECH	1049	534.0	90.0



ZONE 3 - FORWARD SKIRT
 SOURCE B P # X_B θ_B
 ROCKWELL 10715 401.0 135.0
 REMTECH 1065 399.0 135.0

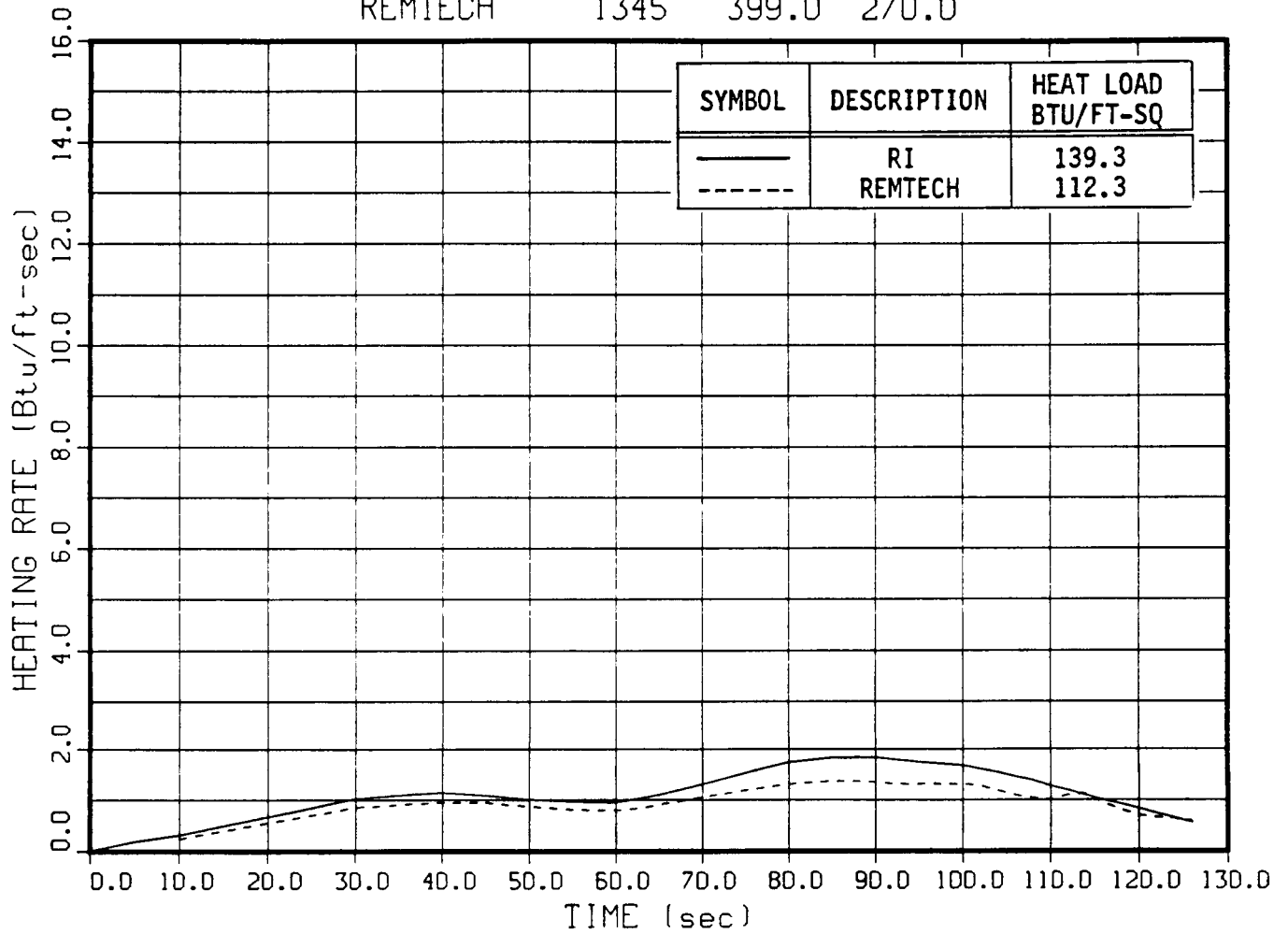


ZONE 3 - FORWARD SKIRT
 SOURCE B P # X_B θ_B
 ROCKWELL 10745 449.5 80.0
 REMTECH 1292 431.9 76.0

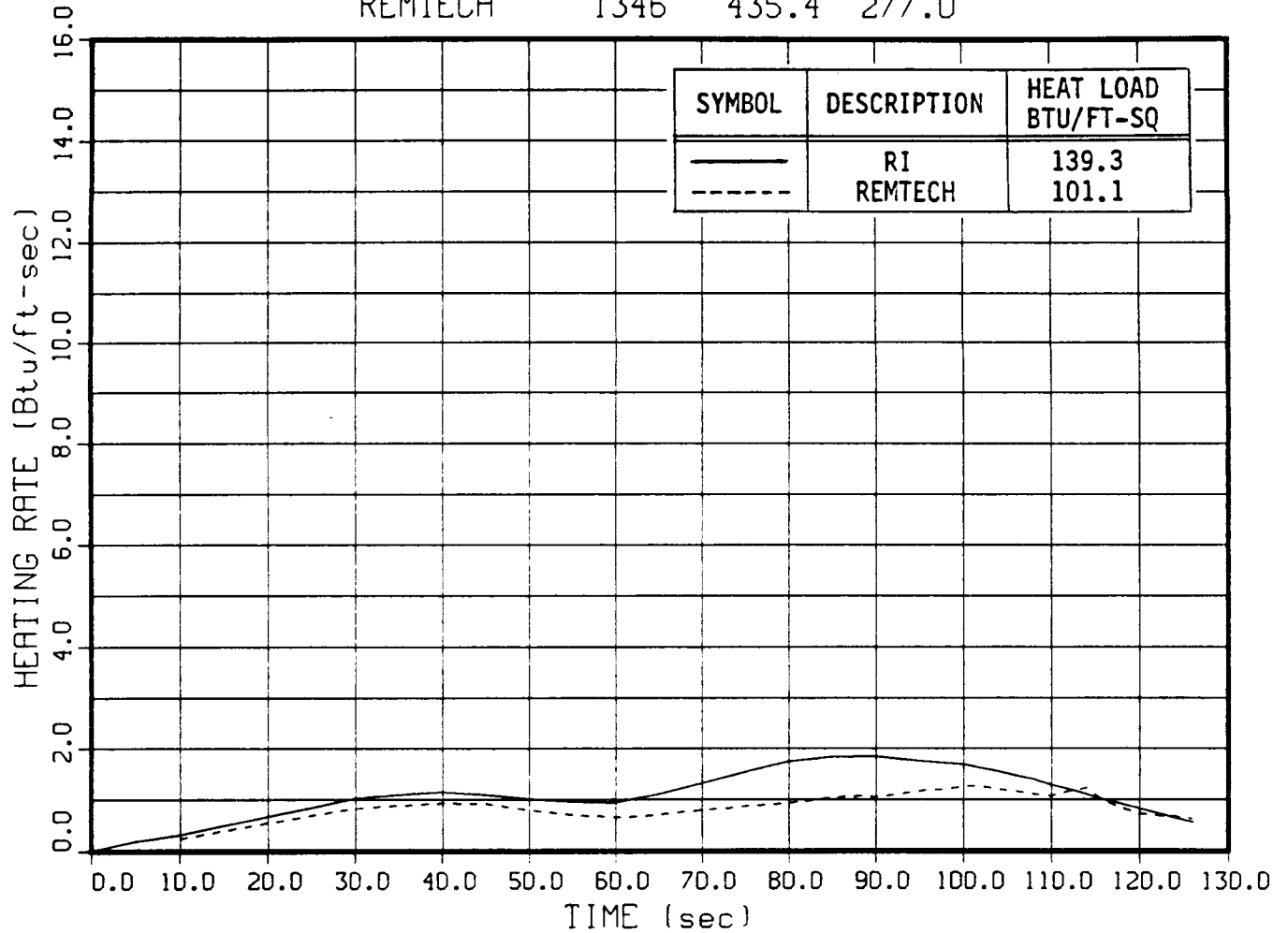


ZONE 3 - FORWARD SKIRT

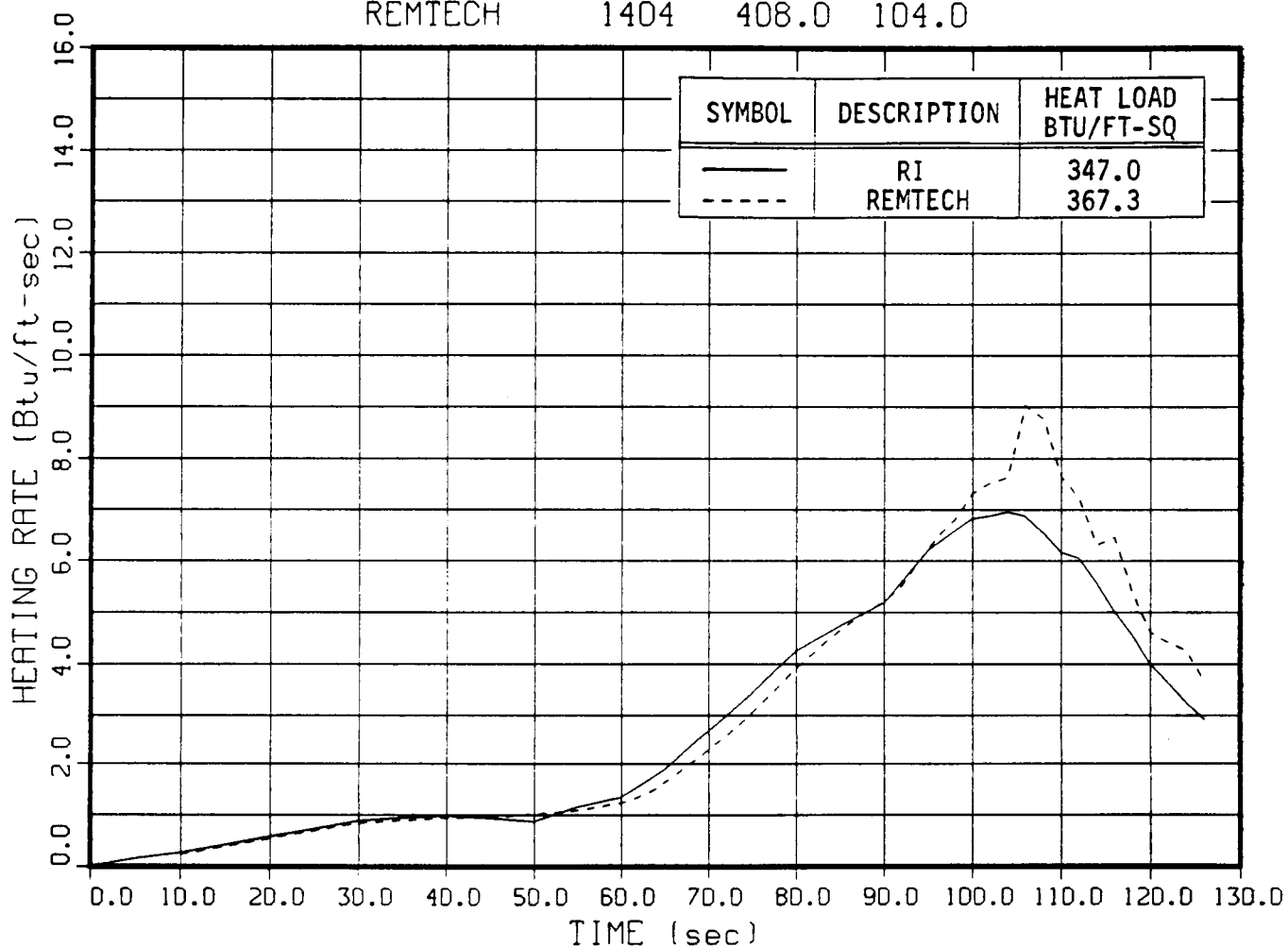
SOURCE	B P #	X	θ
ROCKWELL	10720	401.0	270.0
REMTECH	1345	399.0	270.0



ZONE 3 - FORWARD SKIRT
 SOURCE B P # X_B θ_B
 ROCKWELL 10720 401.0 270.0
 REMTECH 1346 435.4 277.0

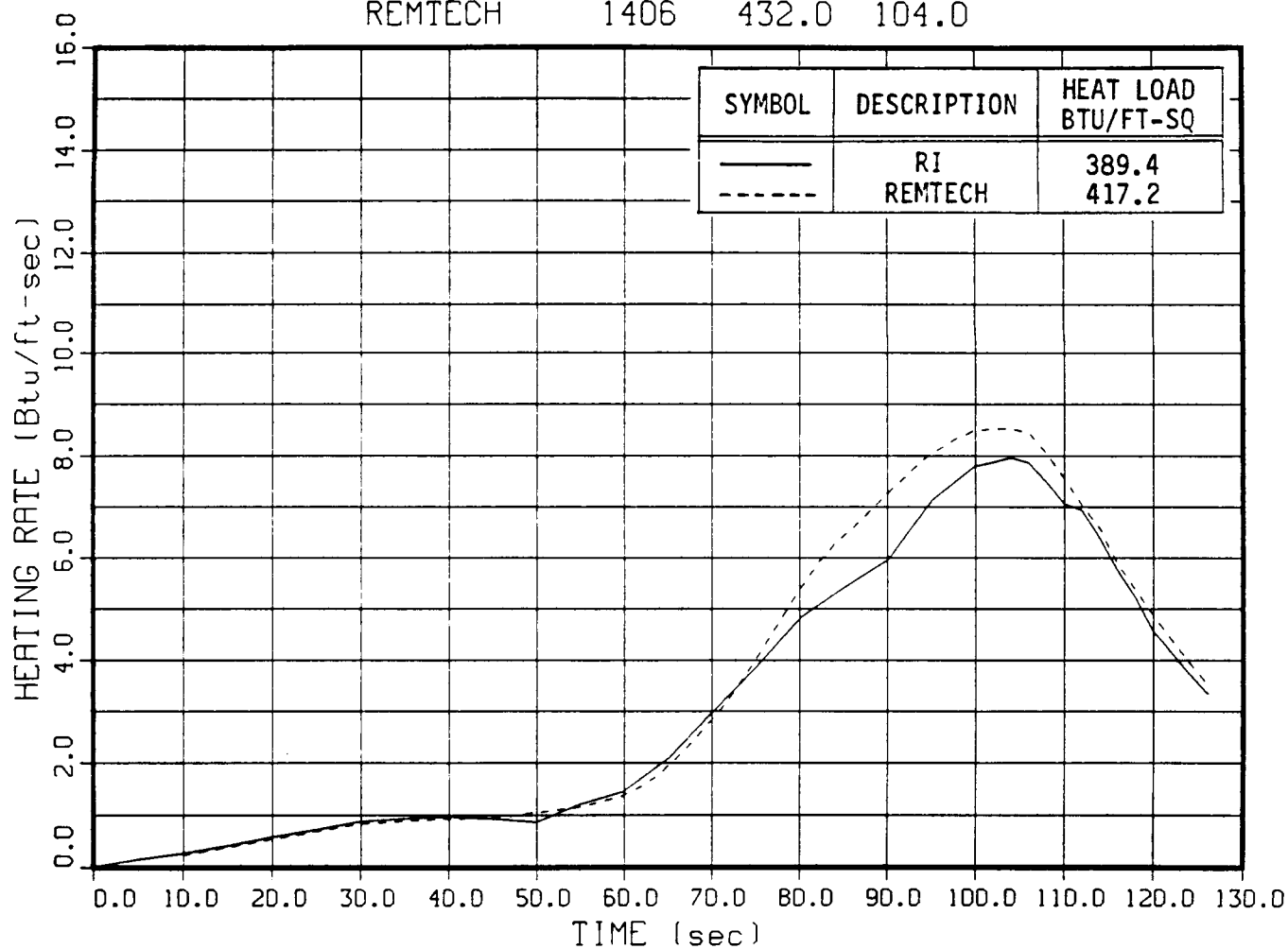


ZONE 3 - FORWARD SKIRT
 SOURCE B P # X_B θ_B
 ROCKWELL 12000 420.0 100.0
 REMTECH 1404 408.0 104.0



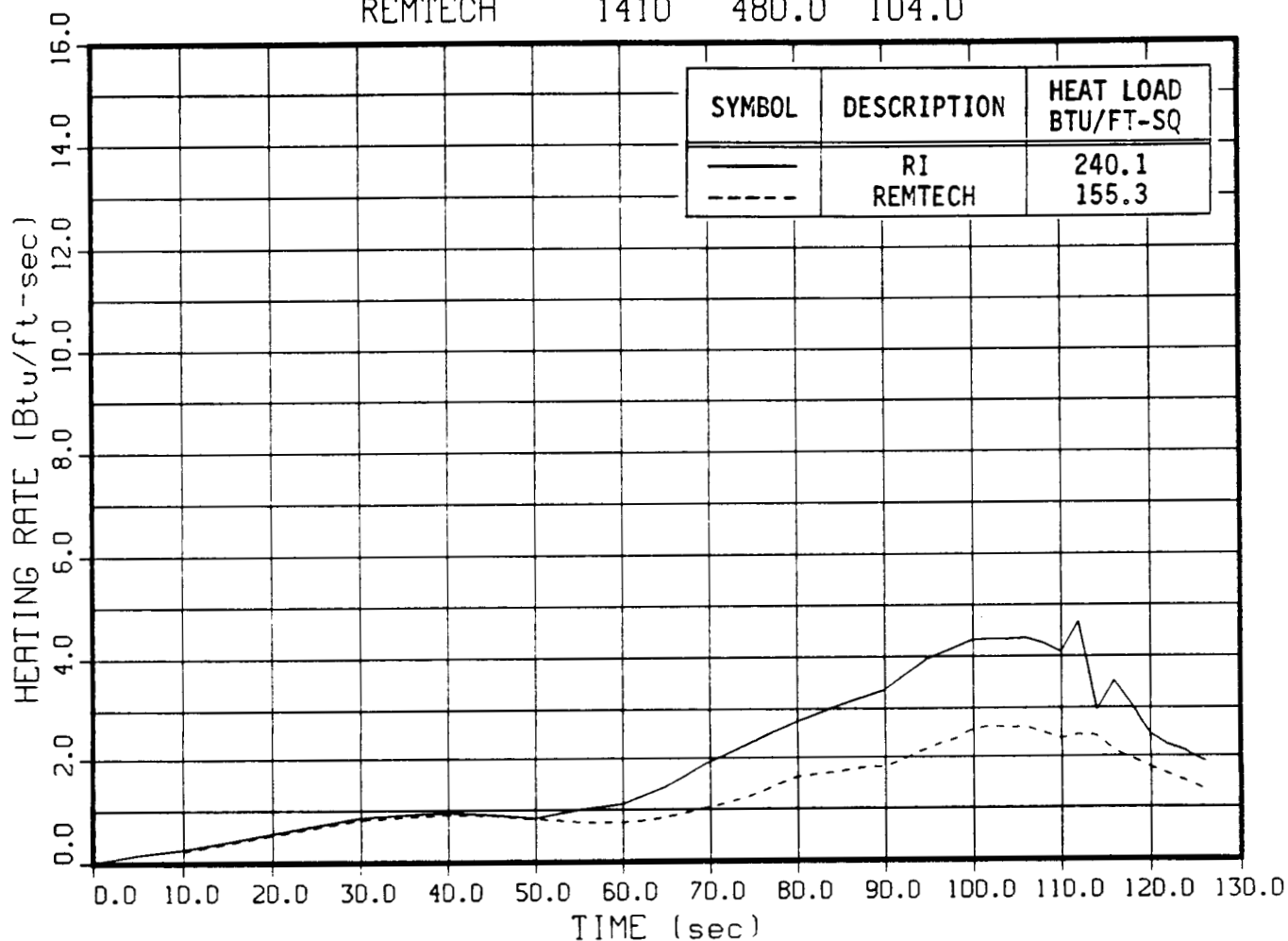
ZONE 3 - FORWARD SKIRT

SOURCE	B P #	X	θ
ROCKWELL	12001	438.0	100.0
REMTECH	1406	432.0	104.0



ZONE 3 - FORWARD SKIRT

SOURCE	B P #	X	θ
ROCKWELL	10792	487.0	100.0
REMTECH	1410	480.0	104.0

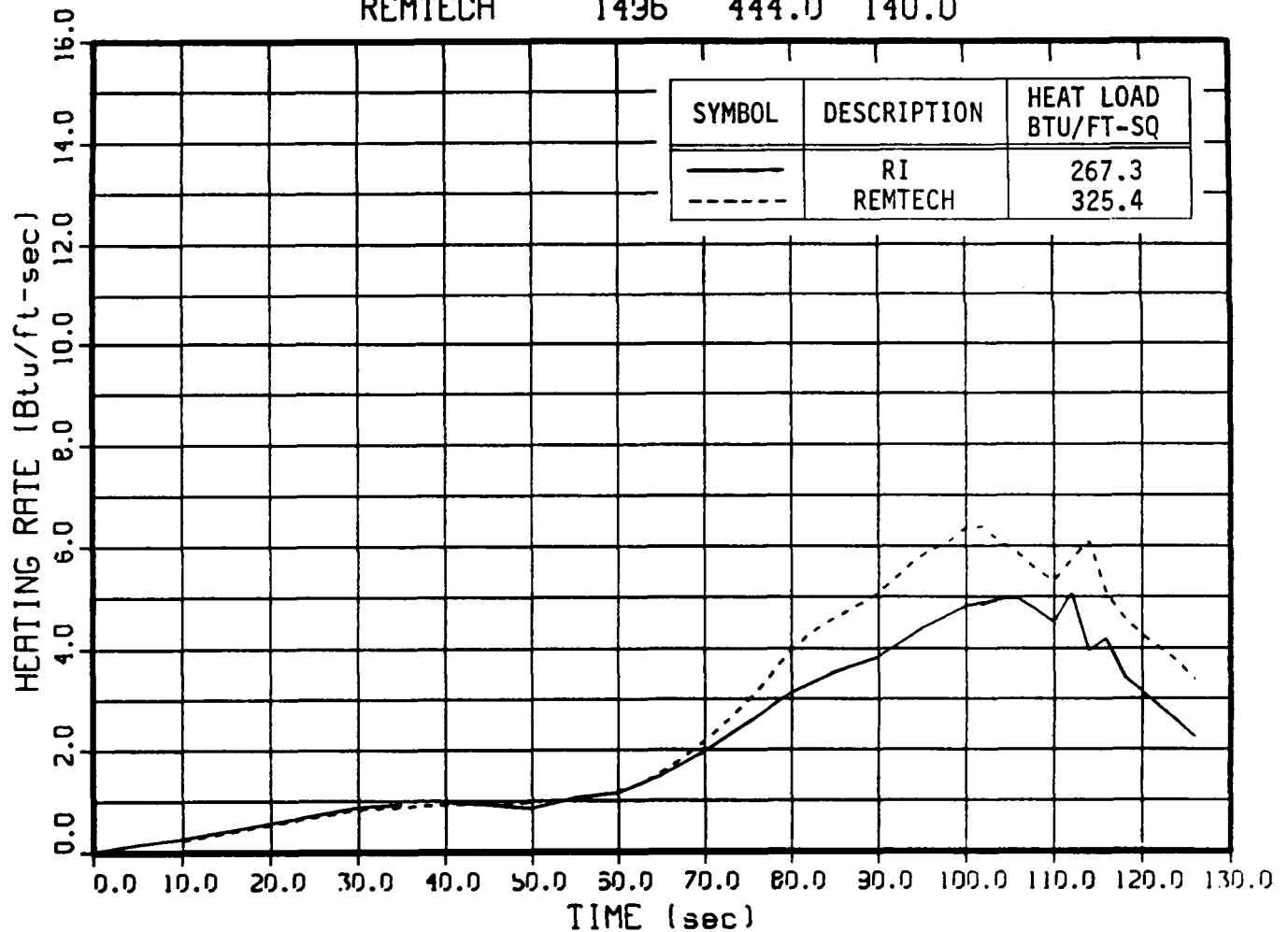


Comment

- RI IVBC-3 environment considered high - B.P. 10792 on lee side of RSS crossover.
Agreement acceptable - No TPS design impact

ZONE 3 - FORWARD SKIRT

SOURCE	B P #	X ₀	θ ₀
ROCKWELL	10749	442.0	120.0
REMTECH	1496	444.0	140.0

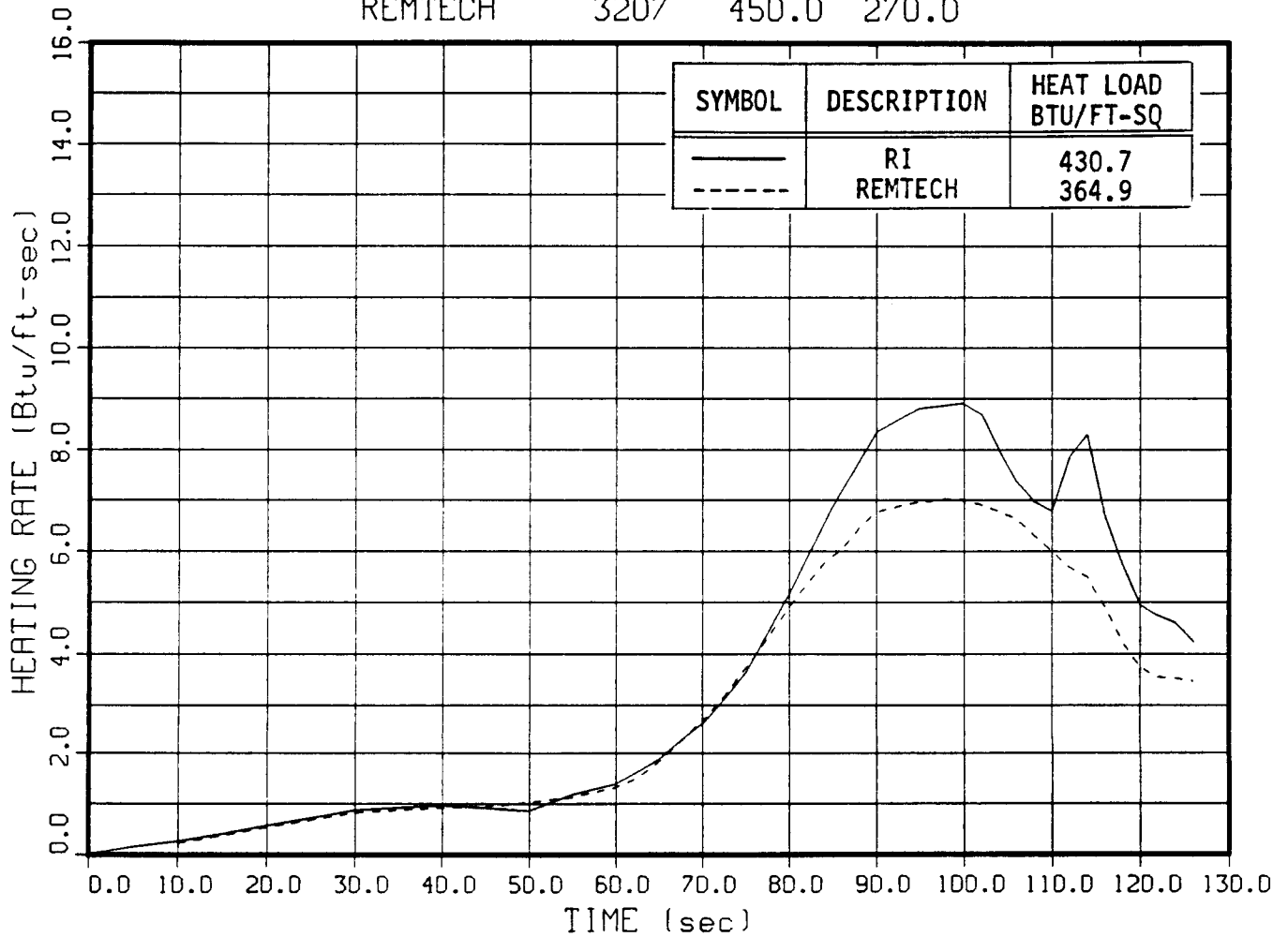


Comment

- Agreement acceptable - No TPS design impact

ZONE 3 - FORWARD SKIRT

SOURCE	B P #	X ^B	θ ^B
ROCKWELL	3138	450.0	270.0
REMTECH	3207	450.0	270.0

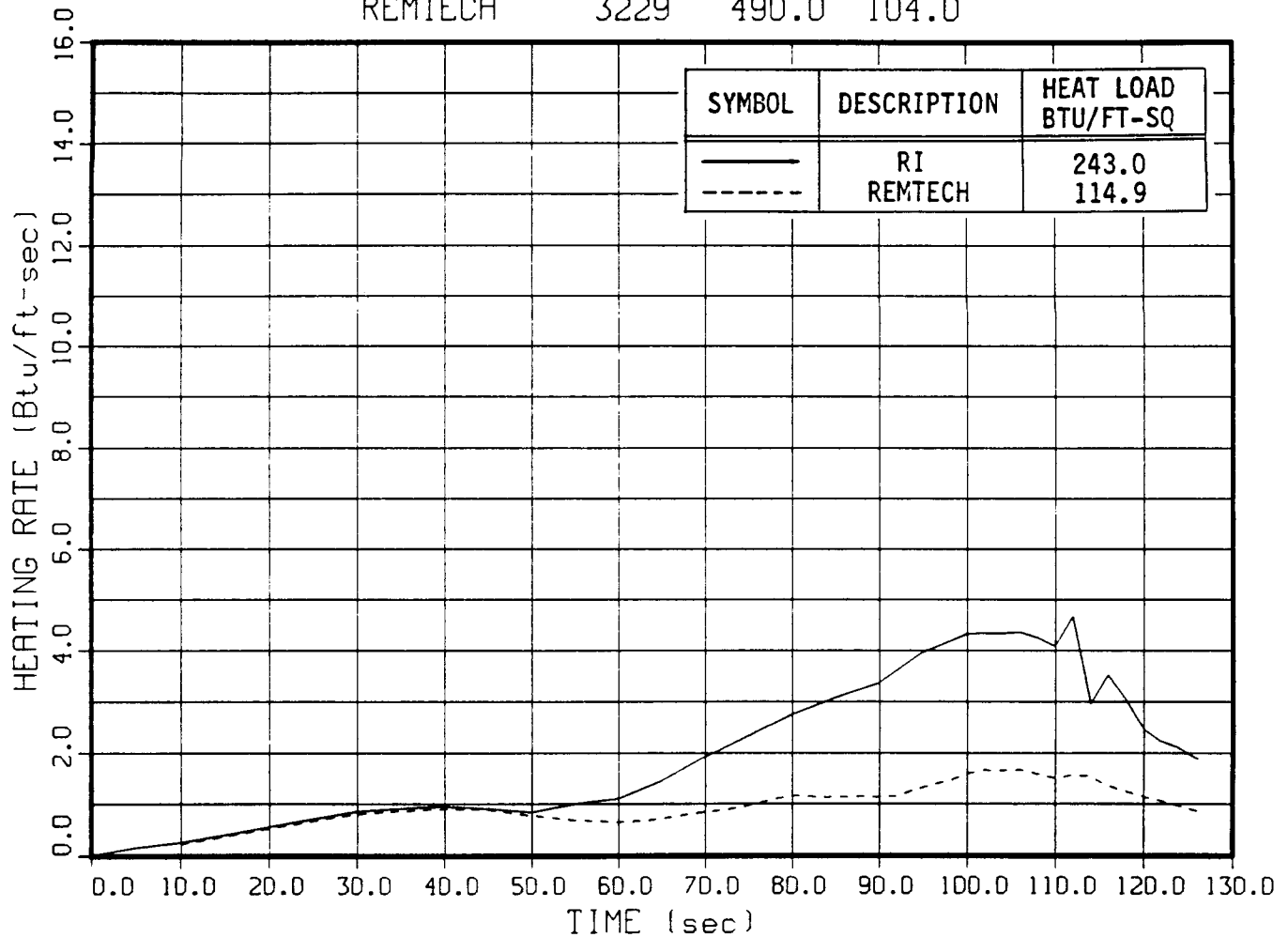


Comment

- Agreement acceptable - No TPS design impact

ZONE 3 - FORWARD SKIRT

SOURCE	B P #	X	θ
ROCKWELL	10792	487.0	100.0
REMTECH	3229	490.0	104.0

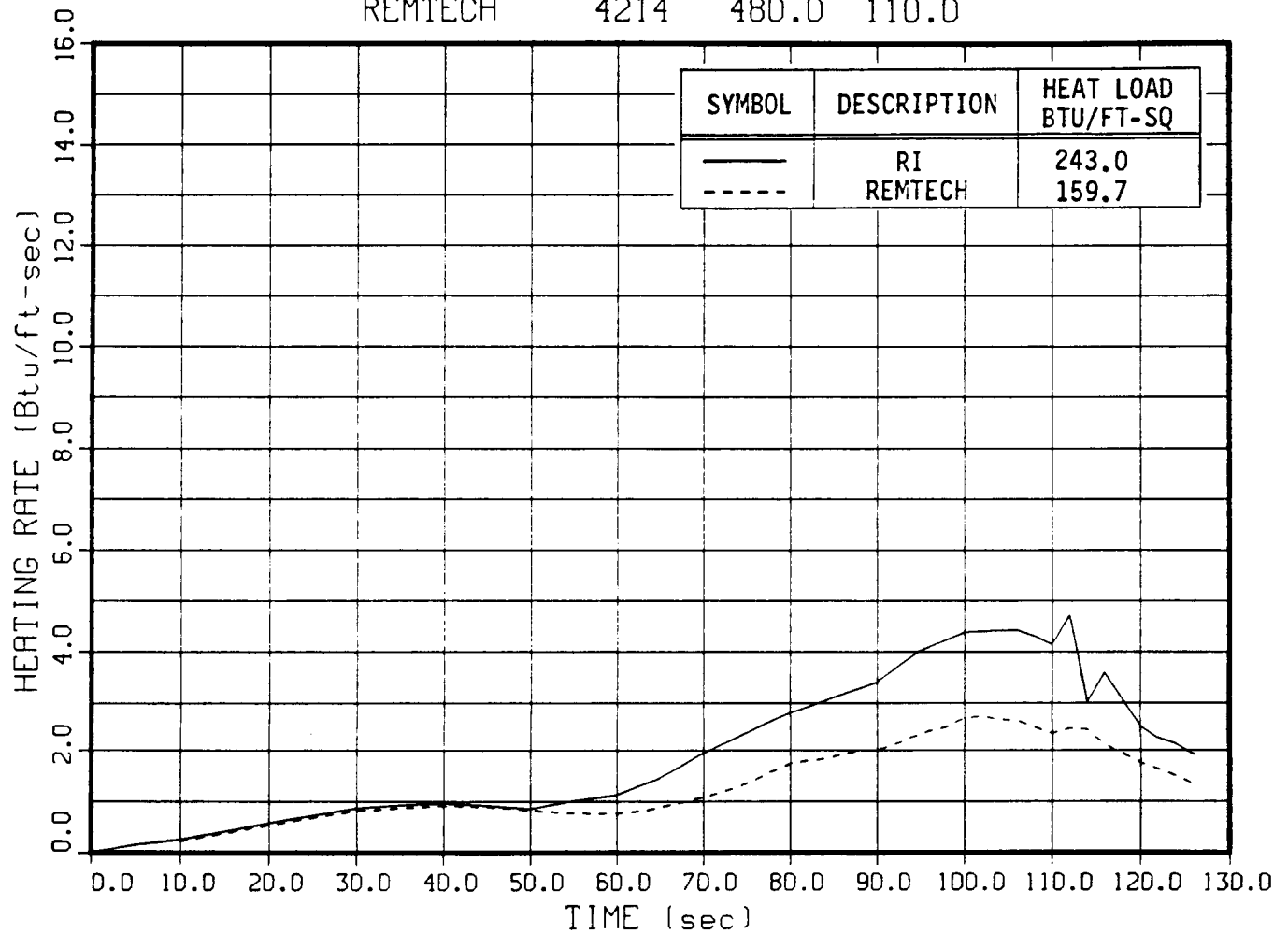


Comment

- RI IVBC-3 environment considered high - BP 10792 lee side of RSS crossover. Agreement acceptable - No design impact

ZONE 3 - FORWARD SKIRT

SOURCE	B P #	X _B	θ _B
ROCKWELL	10791	461.0	100.0
REMTECH	4214	480.0	110.0

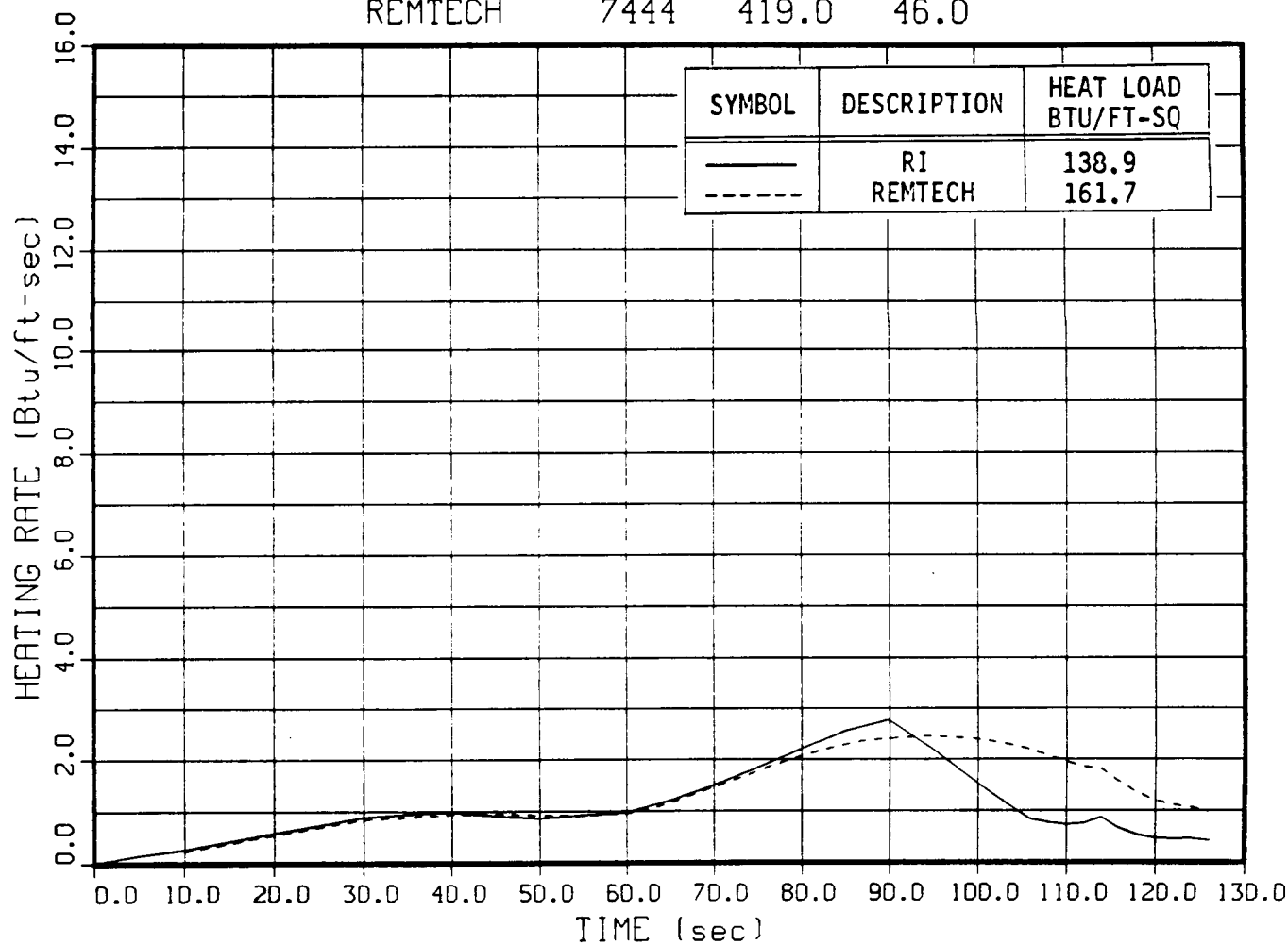


Comment

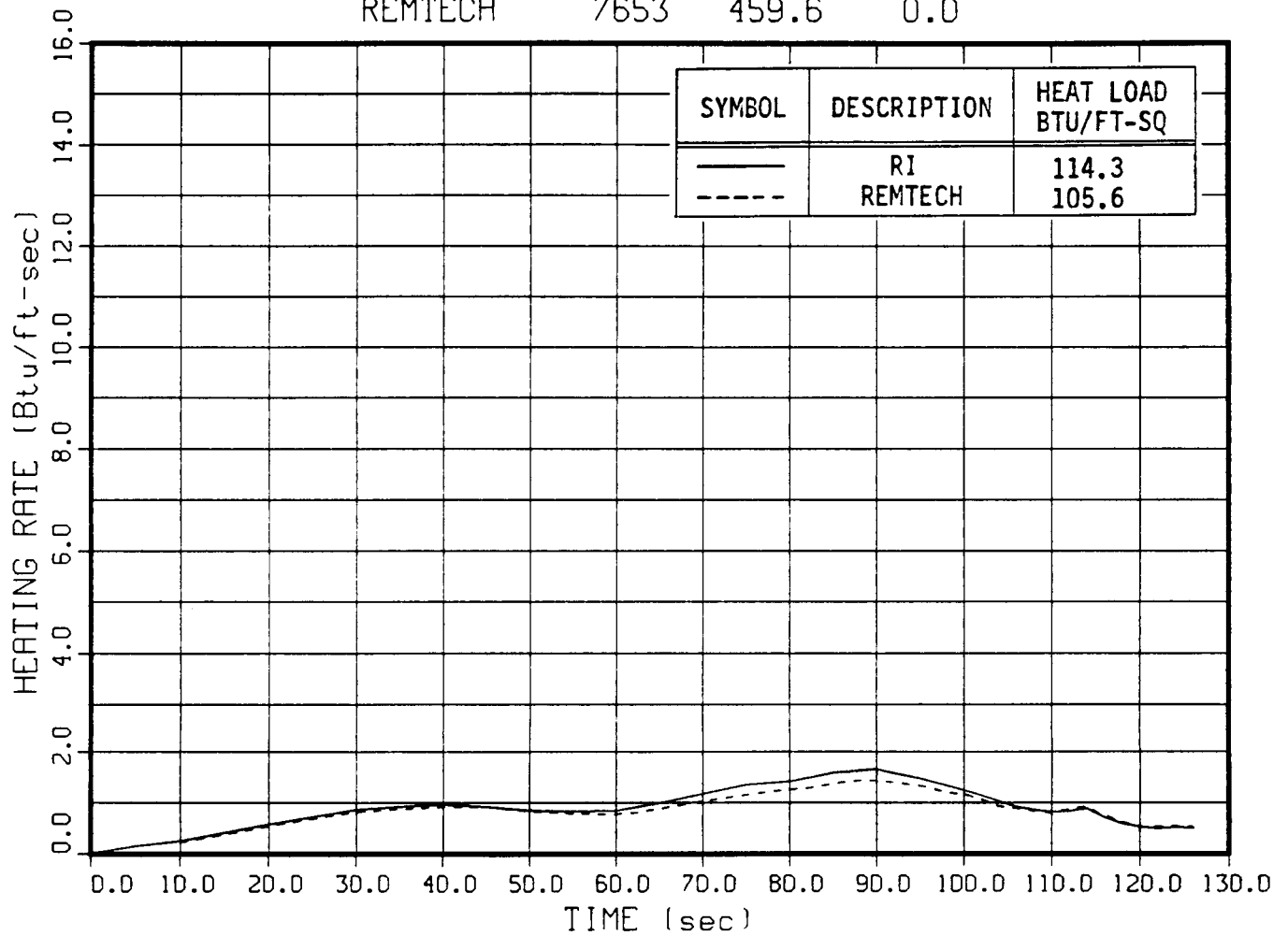
- RI IVBC-3 environment considered high - BP 10791 lee side of RSS crossover.
Agreement acceptable - No design impact

ZONE 3 - FORWARD SKIRT

SOURCE	B P #	X	θ
ROCKWELL	187444	417.4	46.0
REMTECH	7444	419.0	46.0

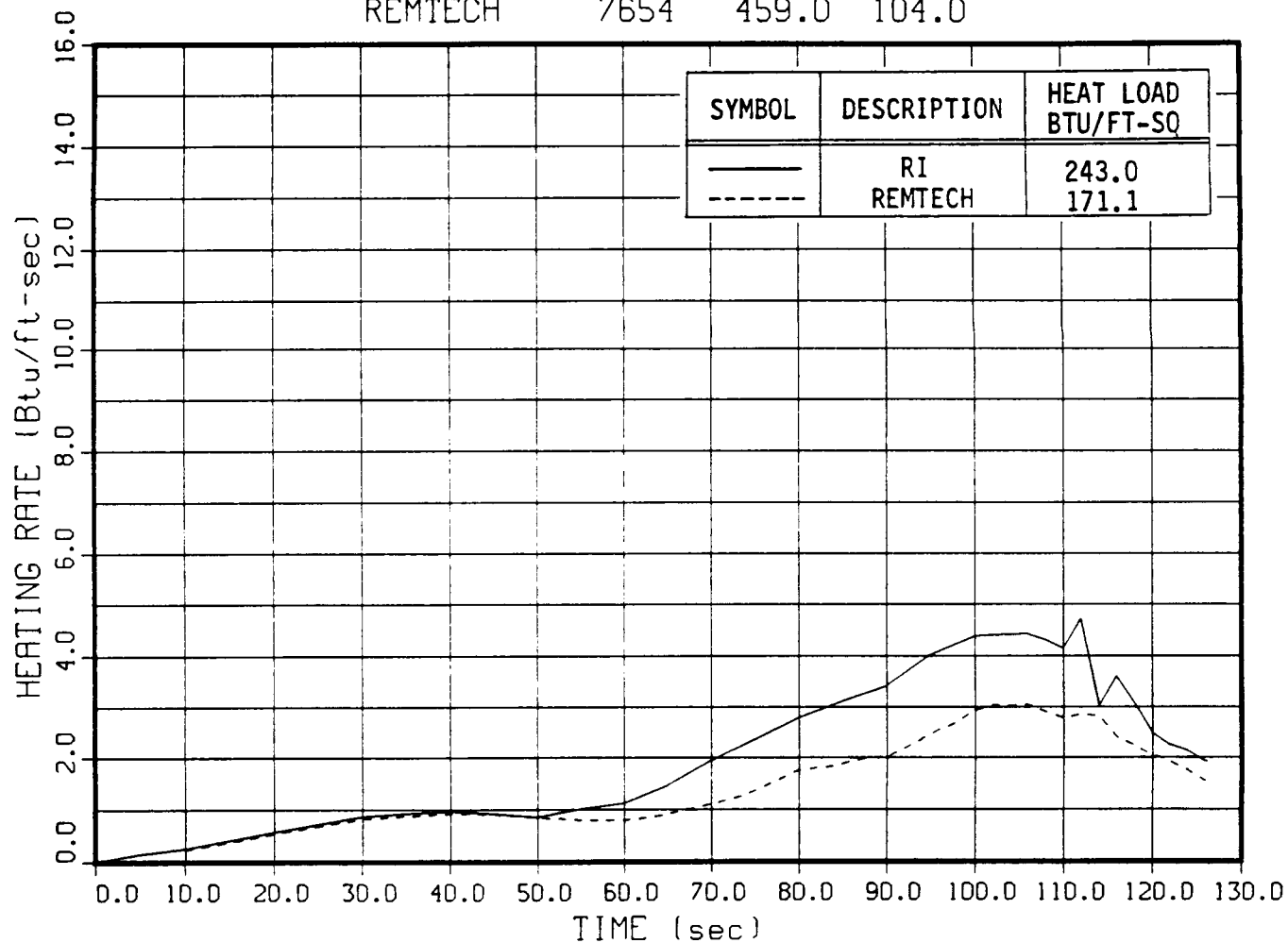


ZONE 3 - FORWARD SKIRT
 SOURCE B P # X_B θ_B
 ROCKWELL 187653 459.6 0.0
 REMTECH 7653 459.6 0.0



ZONE 3 - FORWARD SKIRT

SOURCE	B P #	X _B	θ _B
ROCKWELL	10791	461.0	100.0
REMTECH	7654	459.0	104.0

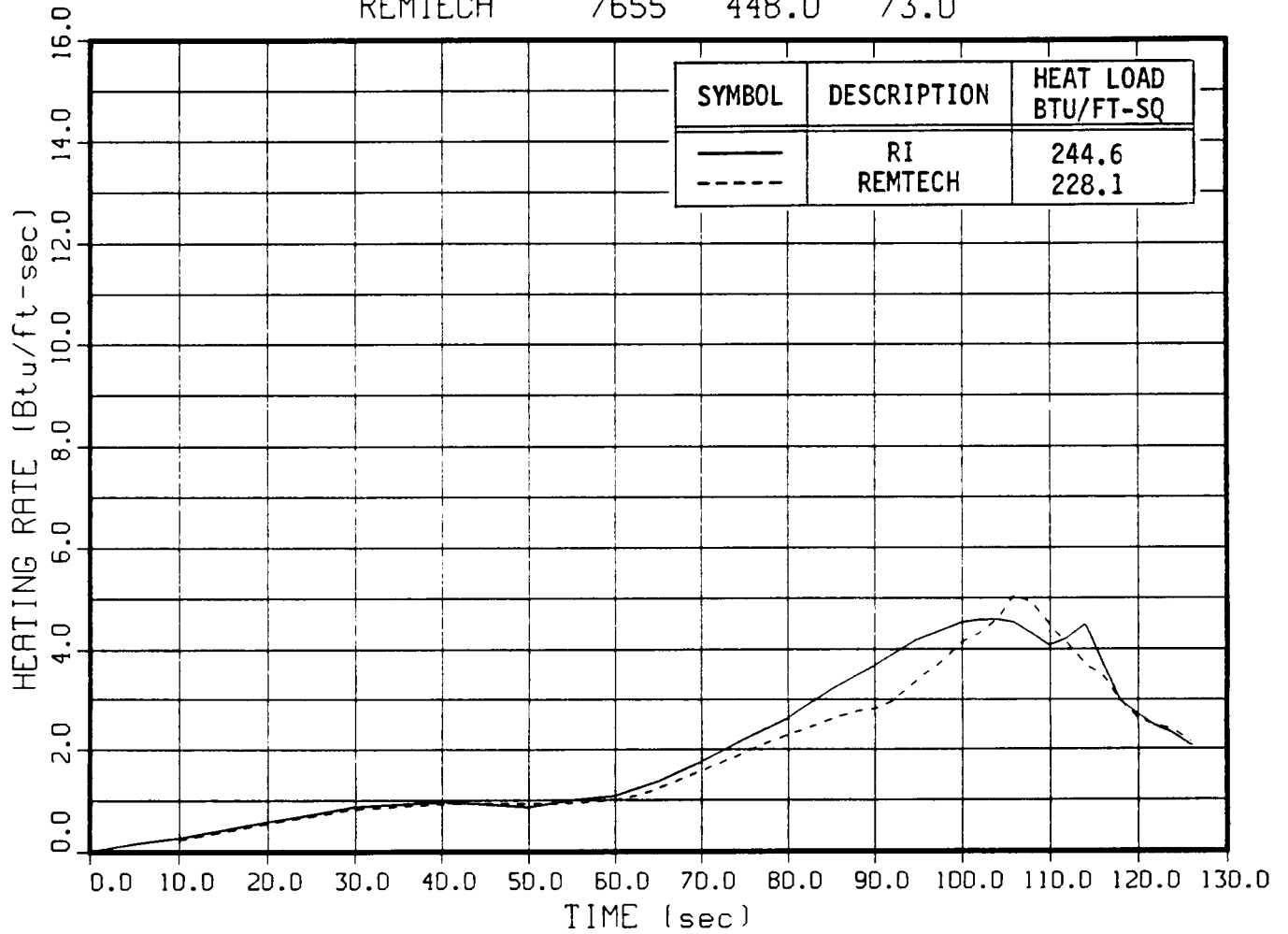


Comment

- RI IVBC-3 environment considered high - BP 10791 lee side of RSS crossover.
Agreement acceptable - No design impact

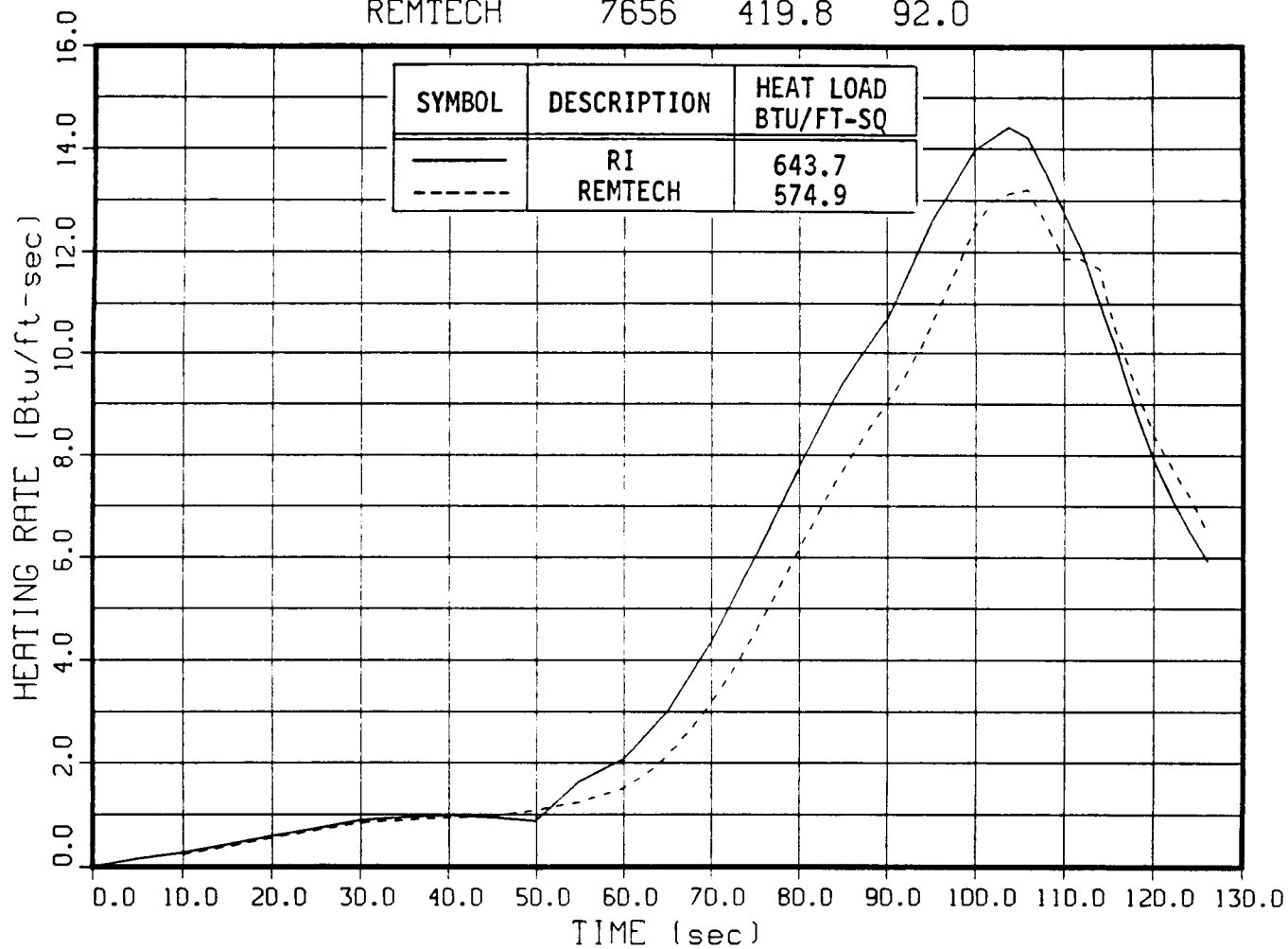
ZONE 3 - FORWARD SKIRT

SOURCE	B P #	X	θ
ROCKWELL	10745	449.5	80.0
REMTECH	7655	448.0	73.0



ZONE 3 - FORWARD SKIRT

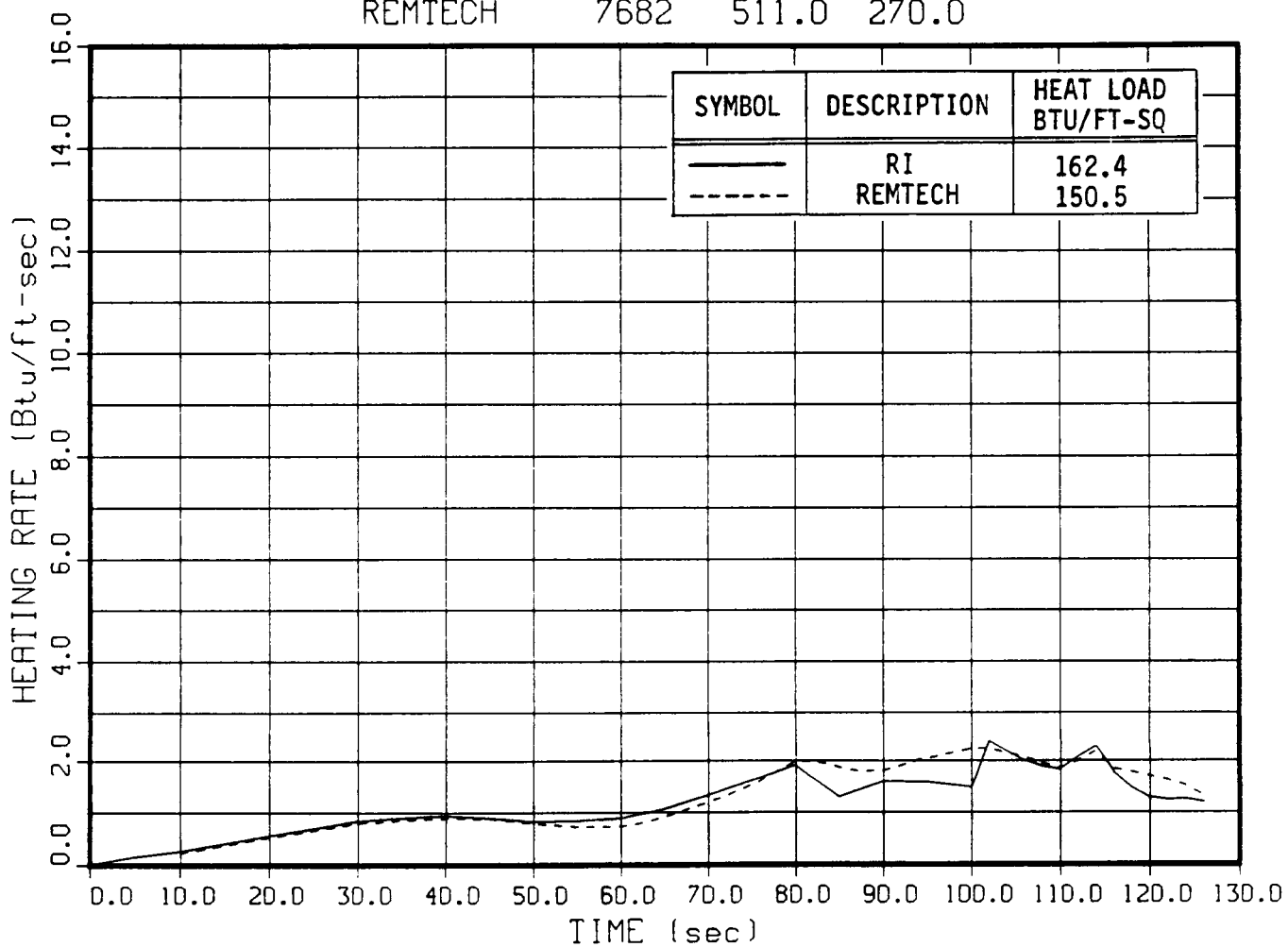
SOURCE	B P #	X _B	θ _B
ROCKWELL	187656	420.0	90.0
REMTECH	7656	419.8	92.0



Comment

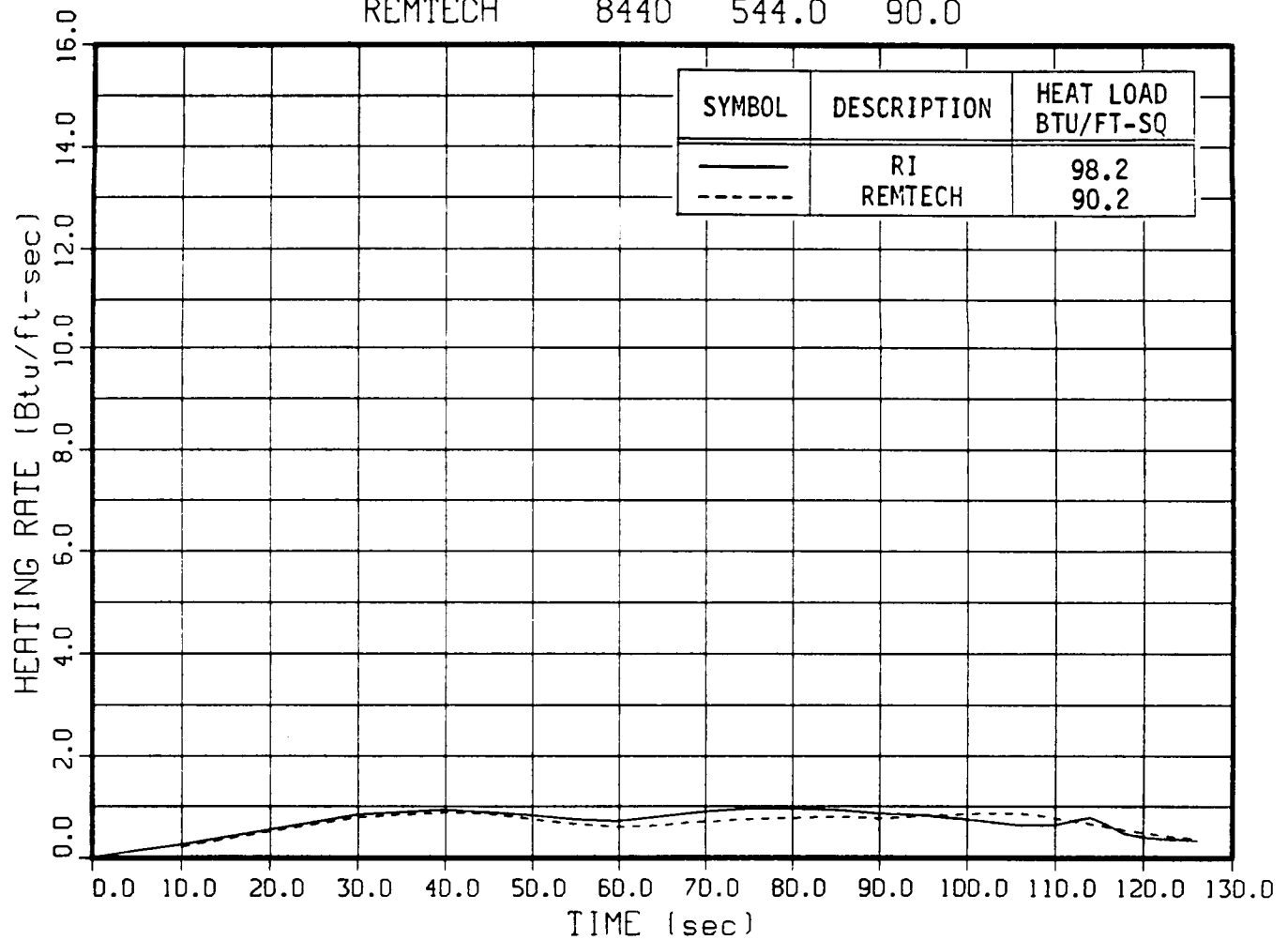
- Agreement acceptable - No TPS design impact

ZONE 3 - FORWARD SKIRT
 SOURCE B P # X_B θ_B
 ROCKWELL 187682 522.9 0.0
 REMTECH 7682 511.0 270.0

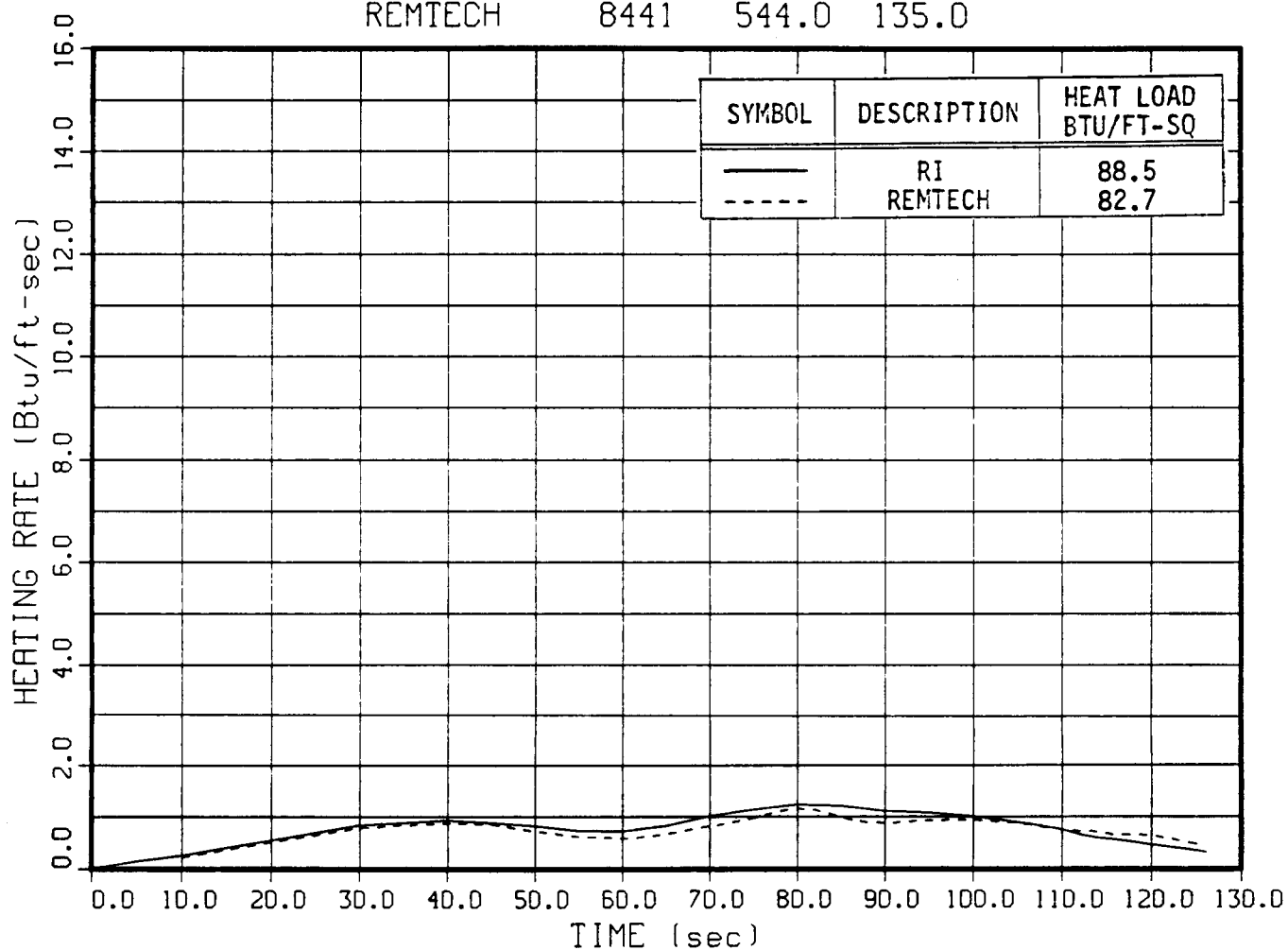


ZONE 3 - FORWARD SKIRT

SOURCE	B P #	X _B	θ _B
ROCKWELL	188440	544.1	90.0
REMTECH	8440	544.0	90.0

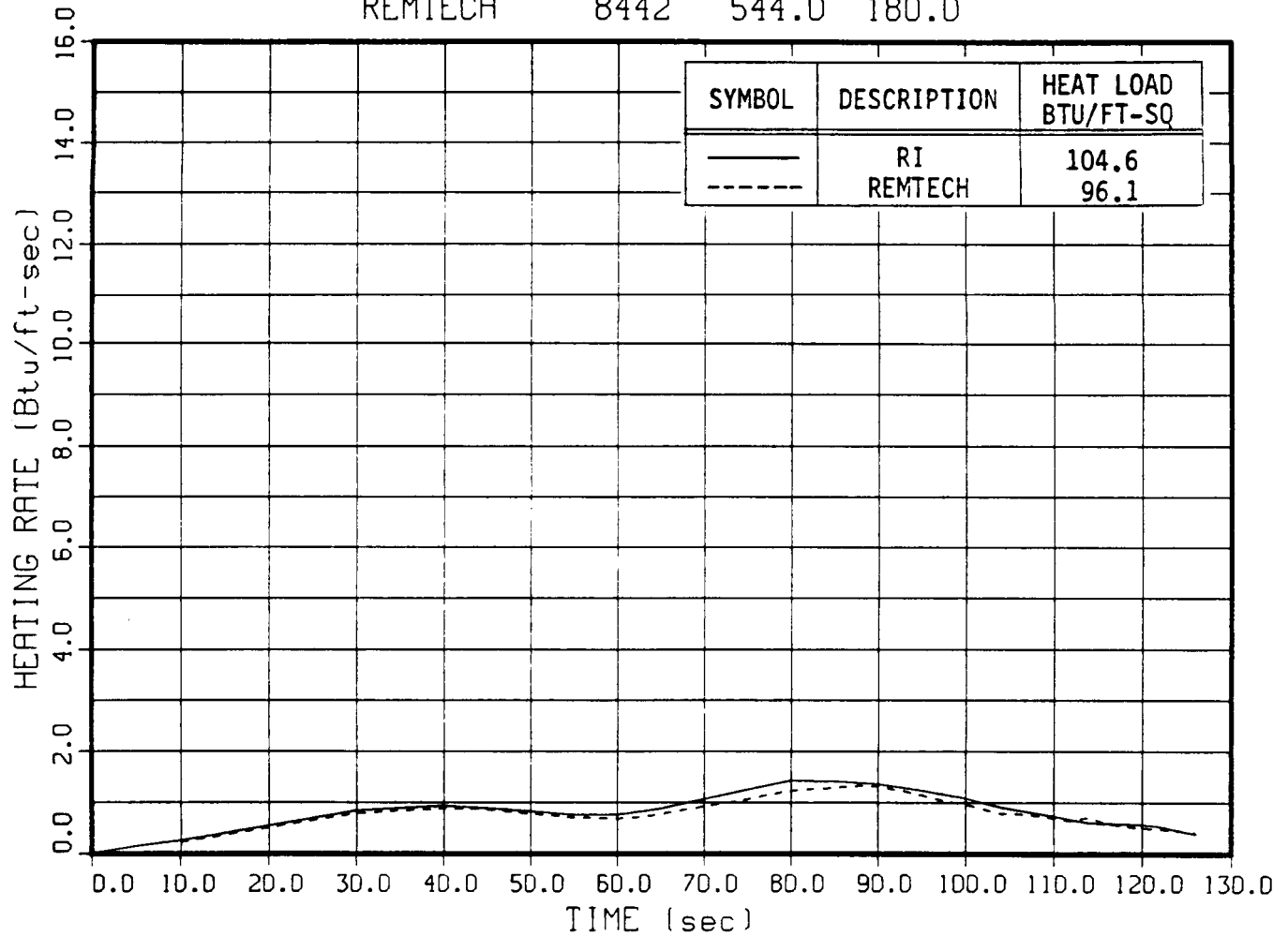


ZONE 3 - FORWARD SKIRT
 SOURCE B P # X_B θ_B
 ROCKWELL 188441 544.1 135.0
 REMTECH 8441 544.0 135.0

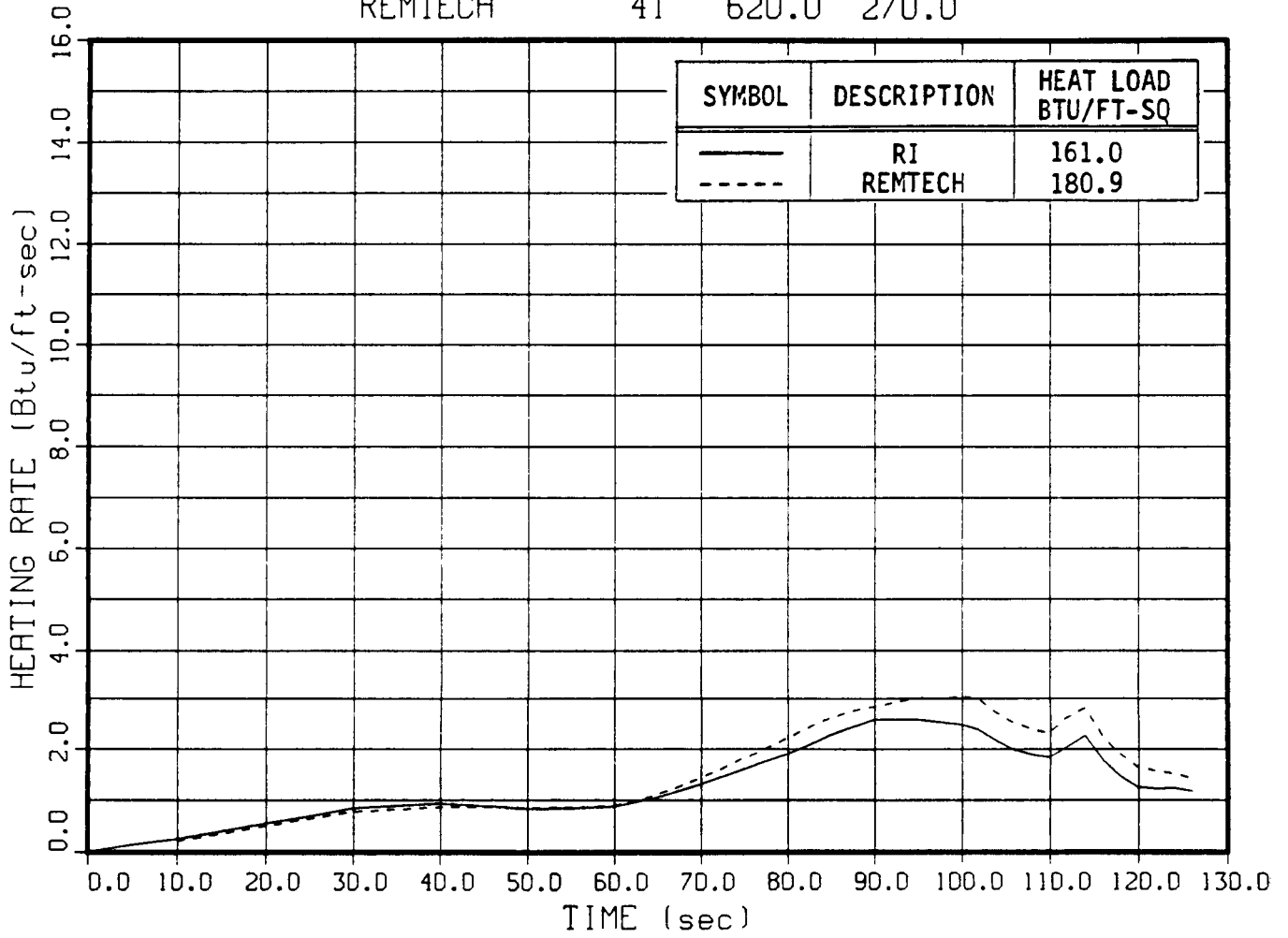


ZONE 3 - FORWARD SKIRT

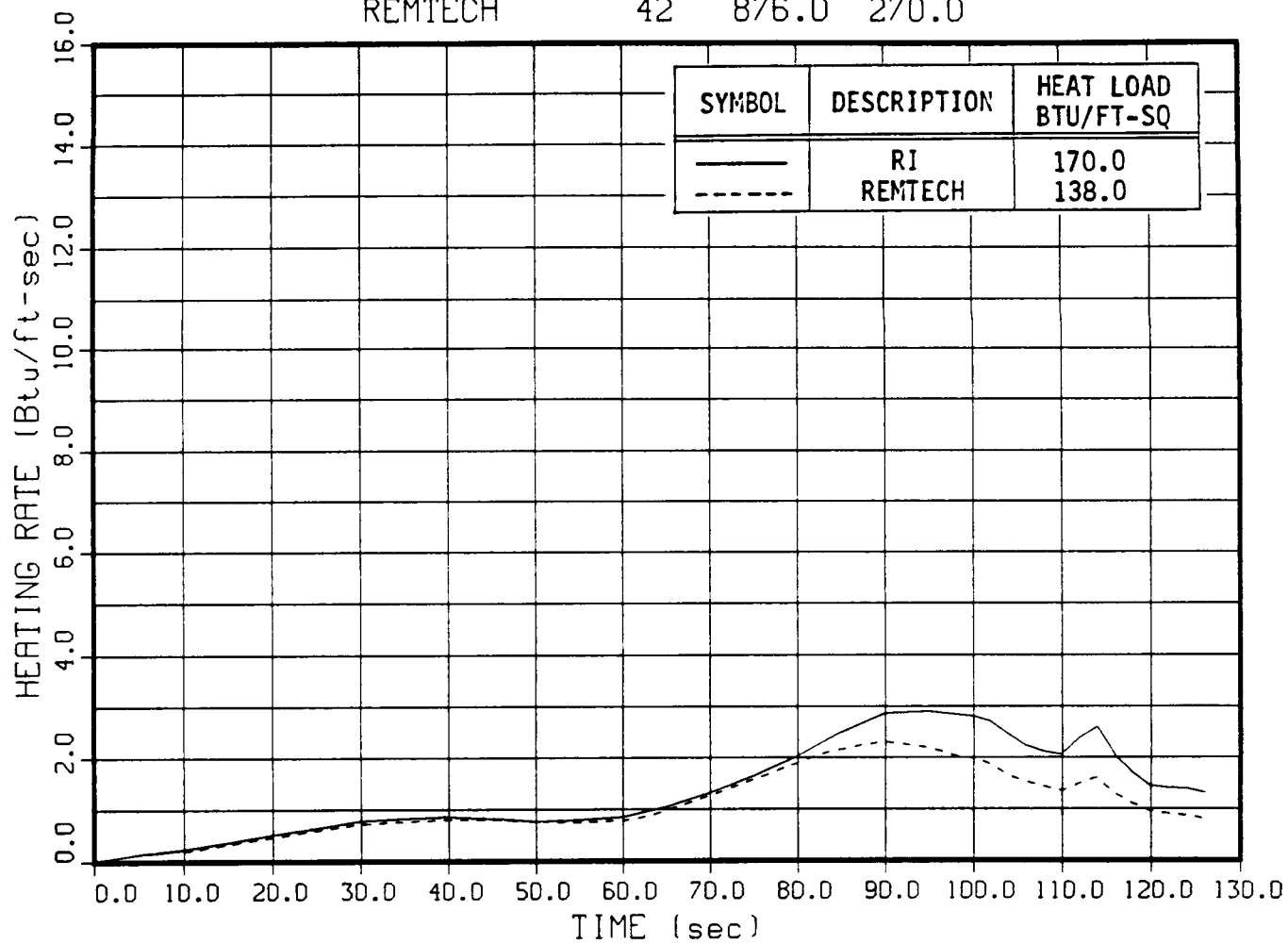
SOURCE	B P #	X	θ
ROCKWELL	188442	544.1	180.0
REMTECH	8442	544.0	180.0



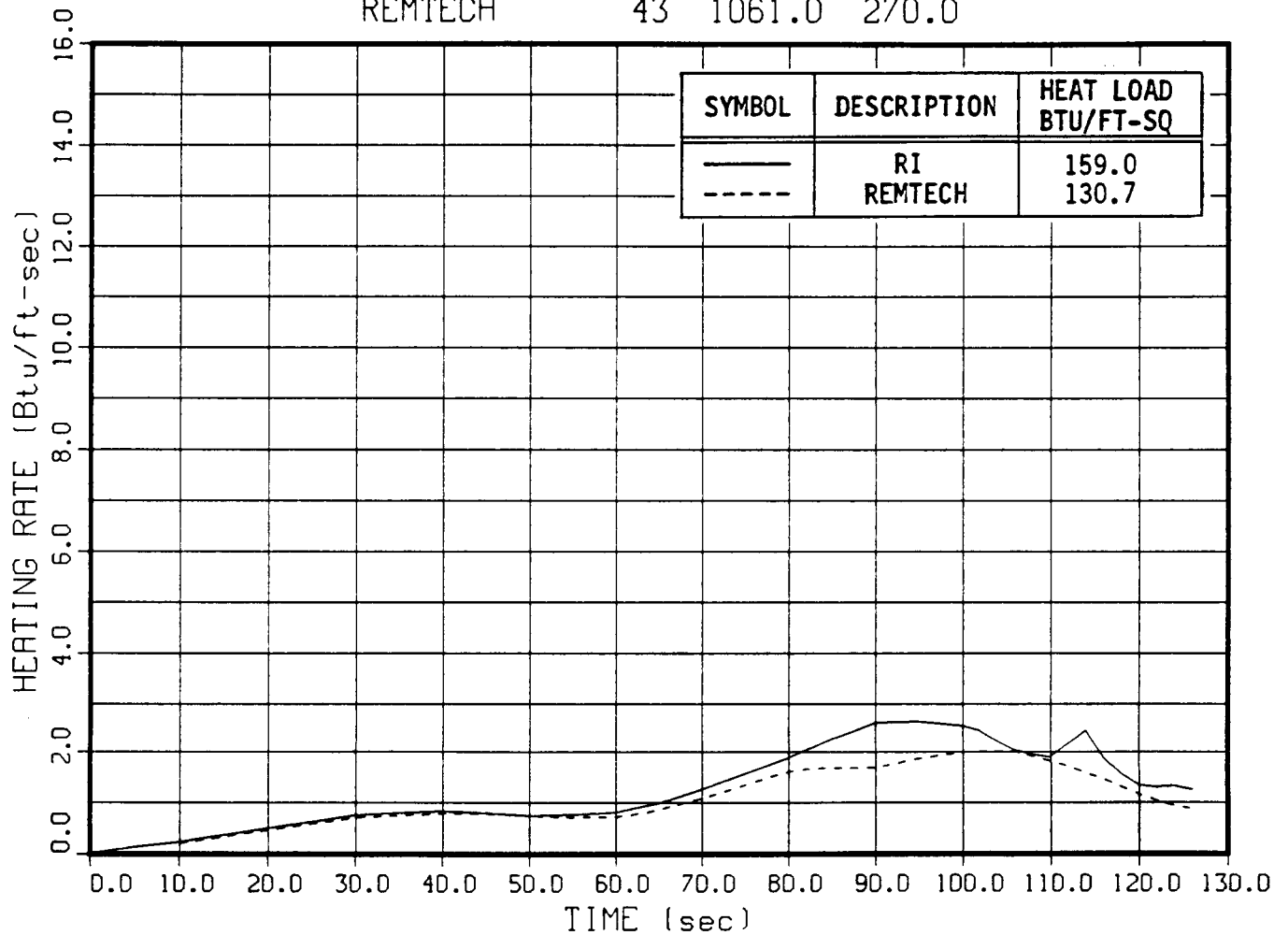
ZONE 4 - MOTOR CASING
 SOURCE B P # X_B θ_B
 ROCKWELL 3207 546.1 270.0
 REMTECH 41 620.0 270.0



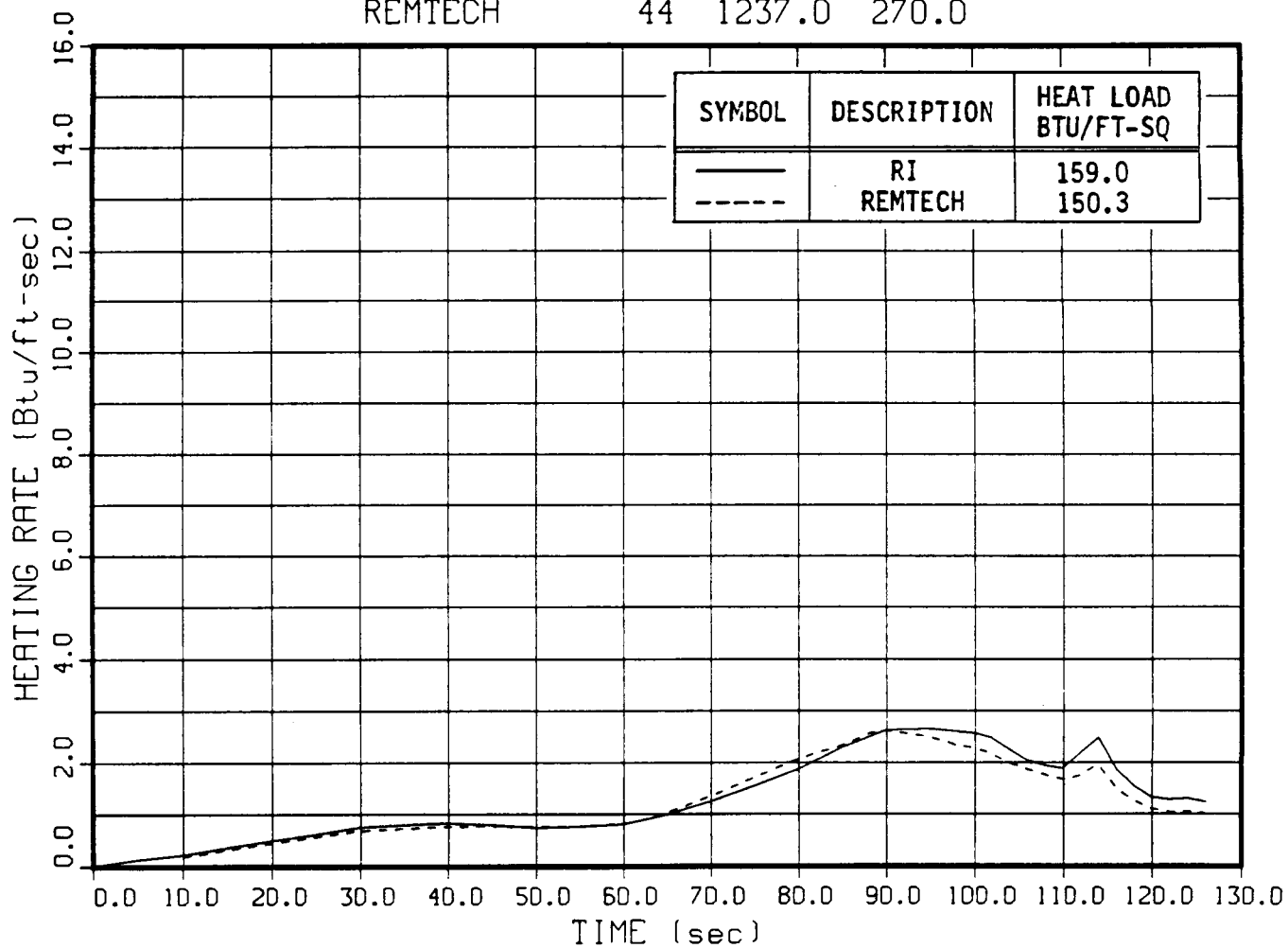
ZONE 4 - MOTOR CASING
 SOURCE B P # X_B θ_B
 ROCKWELL 3367 819.5 270.0
 REMTECH 42 876.0 270.0



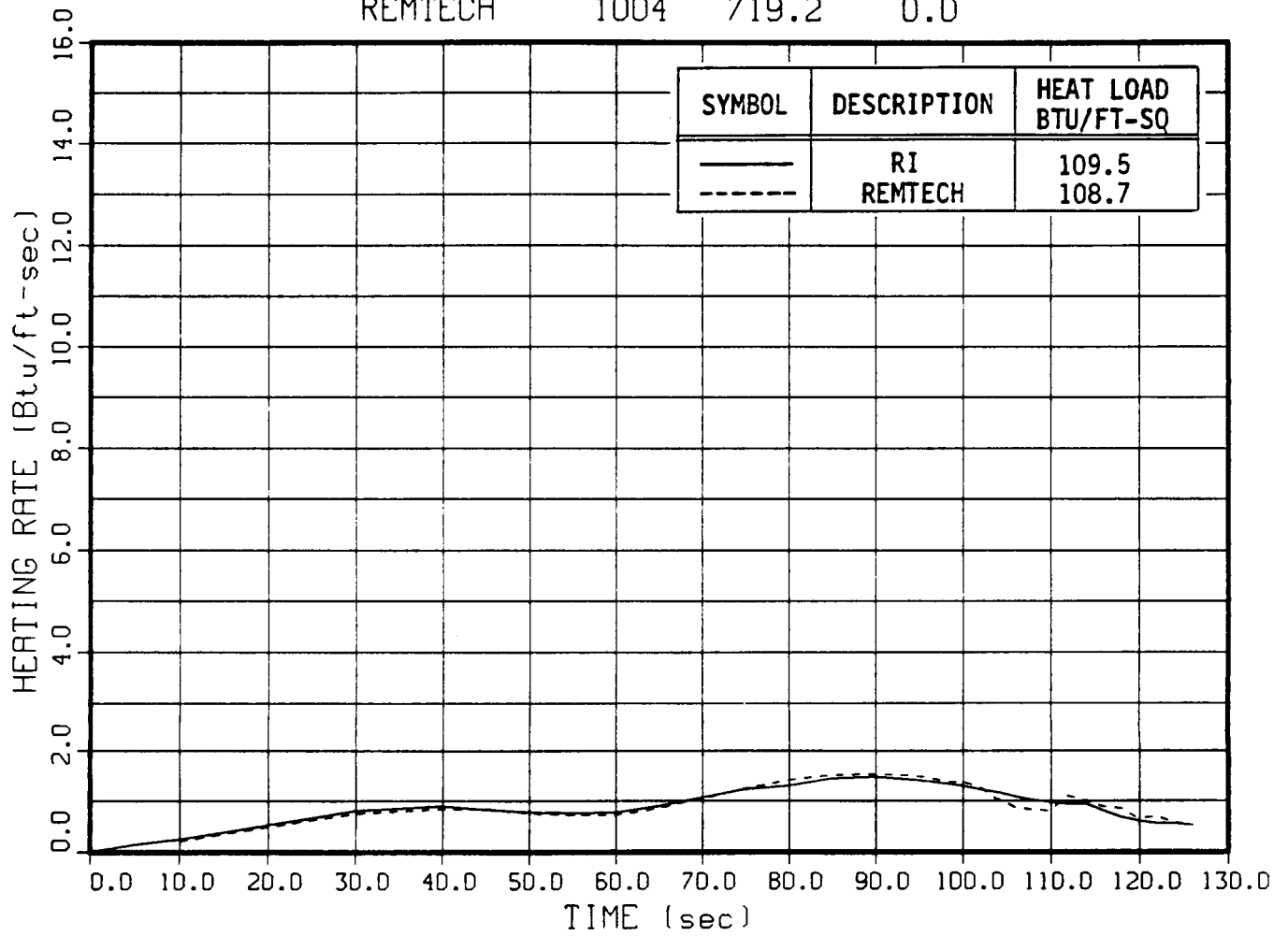
ZONE 4 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 3517 1077.4 270.0
 REMTECH 43 1061.0 270.0



ZONE 4 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 3517 1077.4 270.0
 REMTECH 44 1237.0 270.0

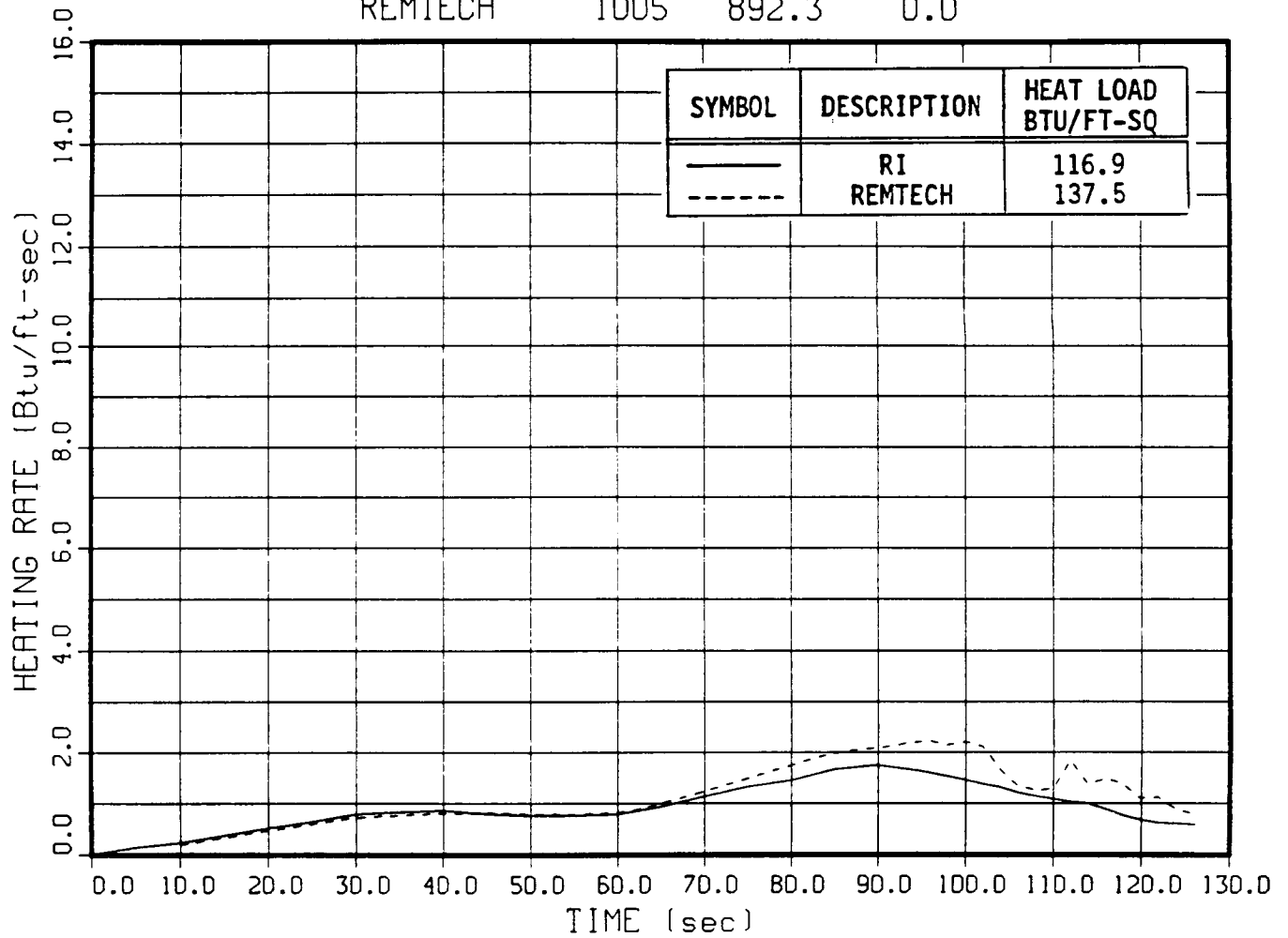


ZONE 4 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 1280 675.9 0.0
 REMTECH 1004 719.2 0.0

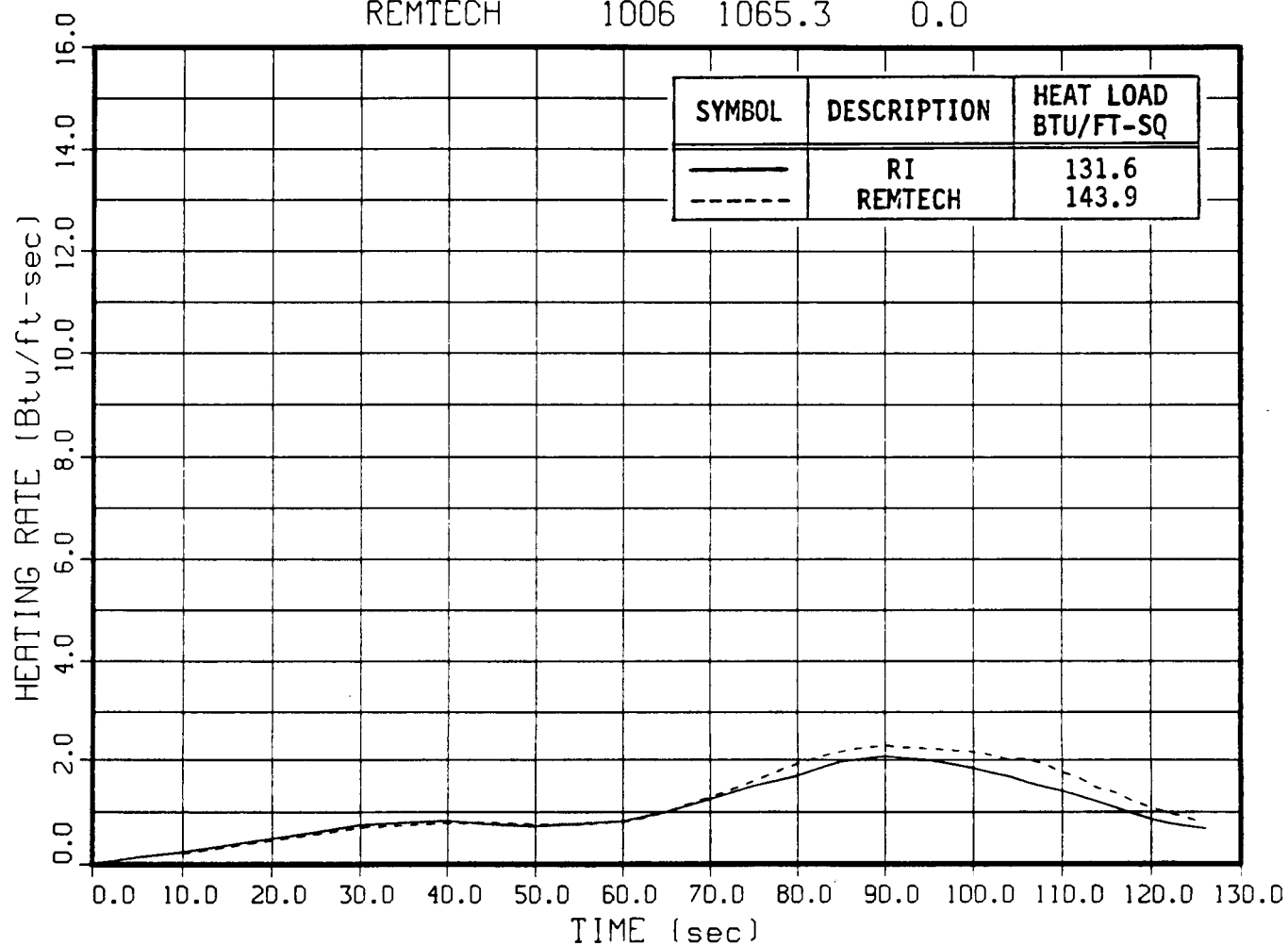


ZONE 4 - MOTOR CASING

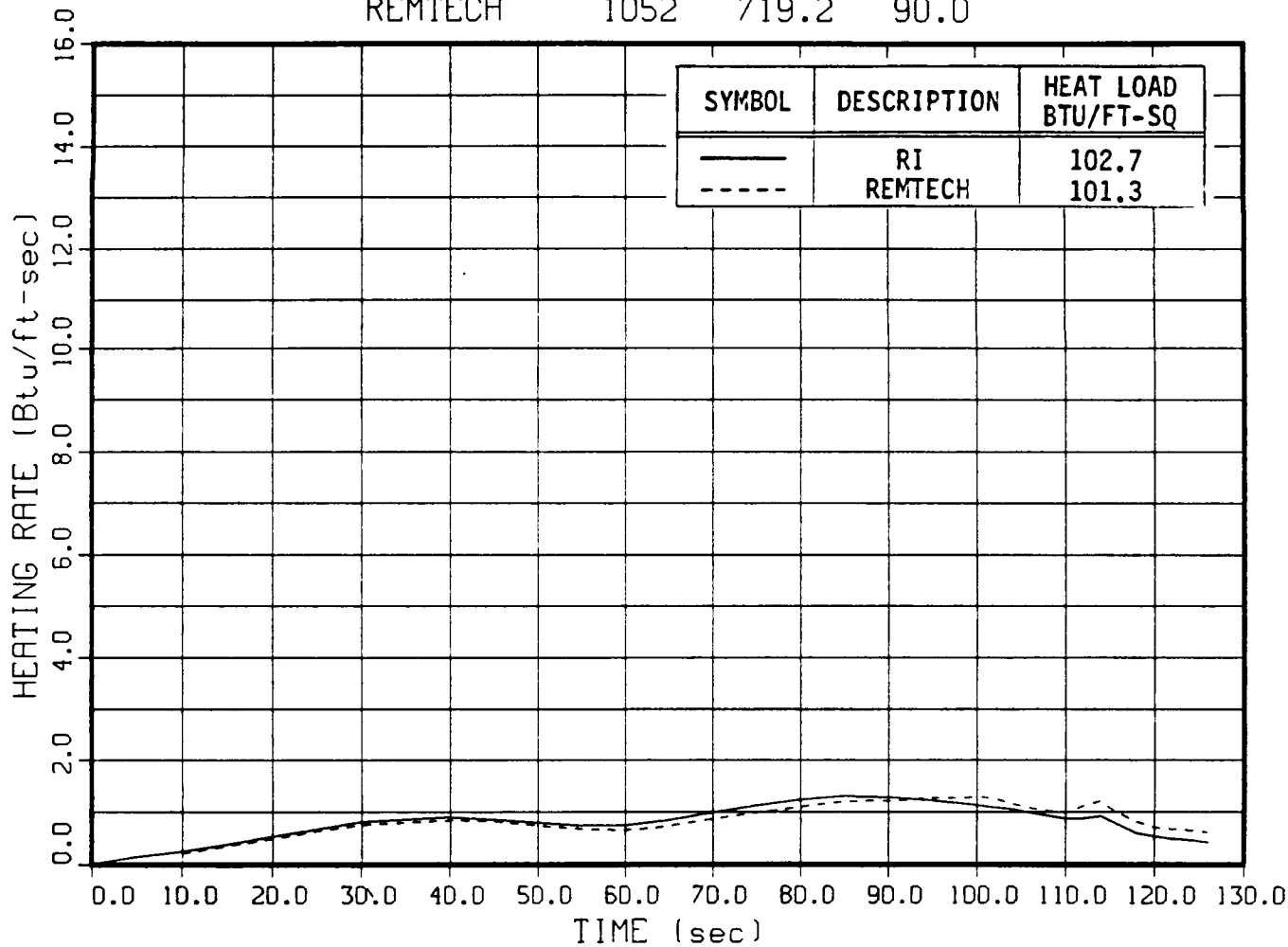
SOURCE	B P #	X	θ
ROCKWELL	1360	819.5	0.0
REMTECH	1005	892.3	0.0



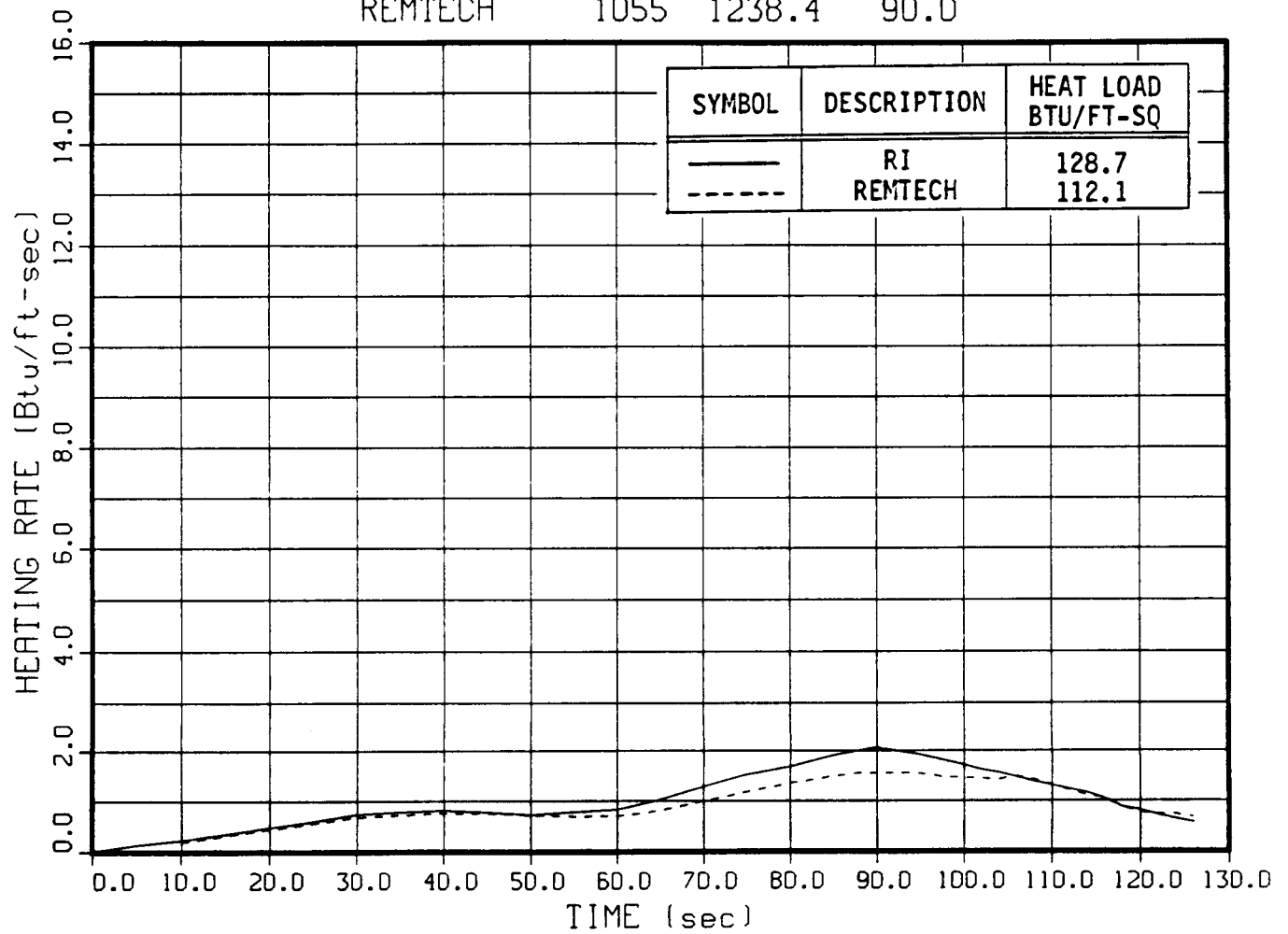
ZONE 4 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 1510 1077.4 0.0
 REMTECH 1006 1065.3 0.0



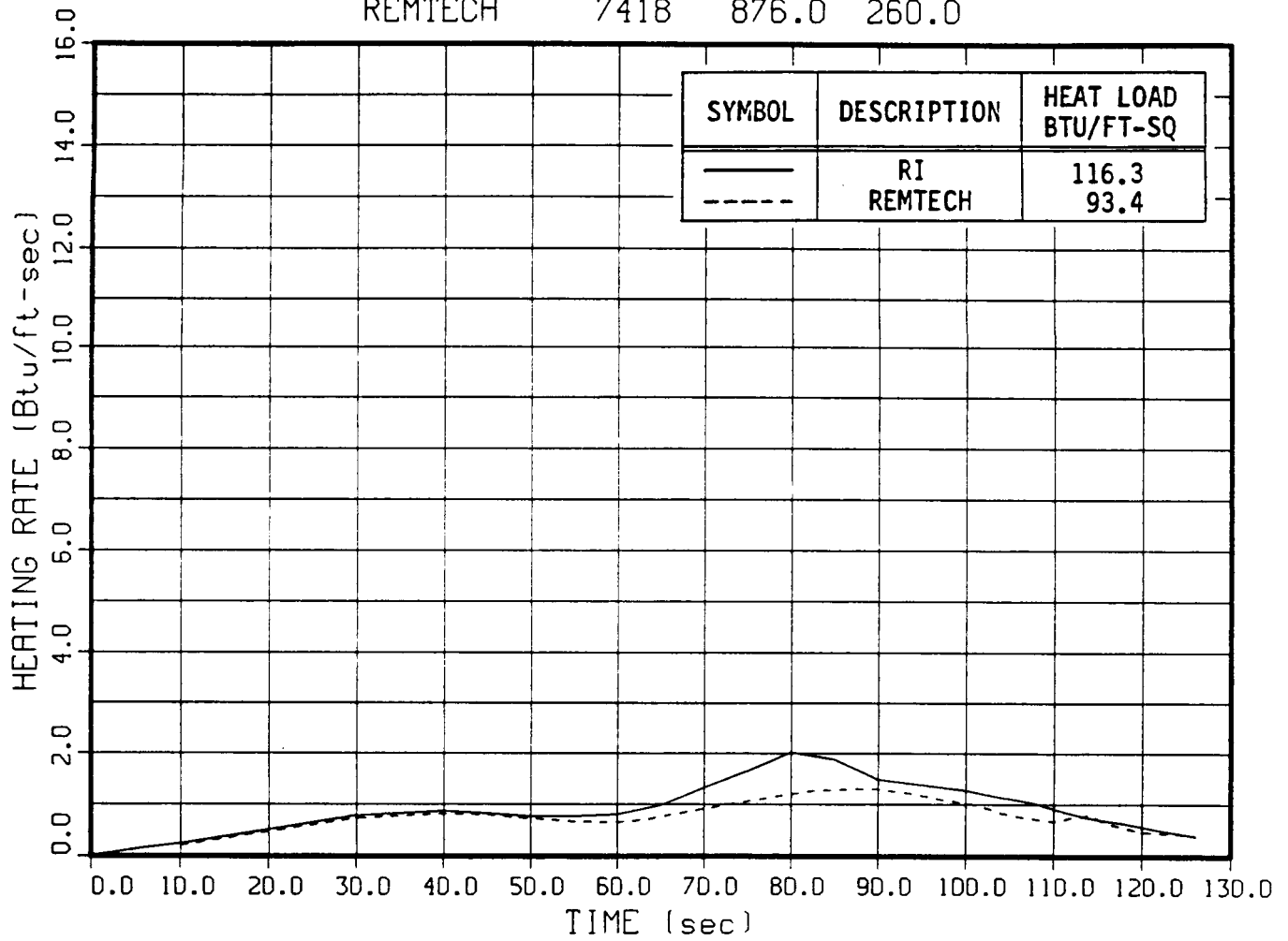
ZONE 4 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 1283 675.9 90.0
 REMTECH 1052 719.2 90.0



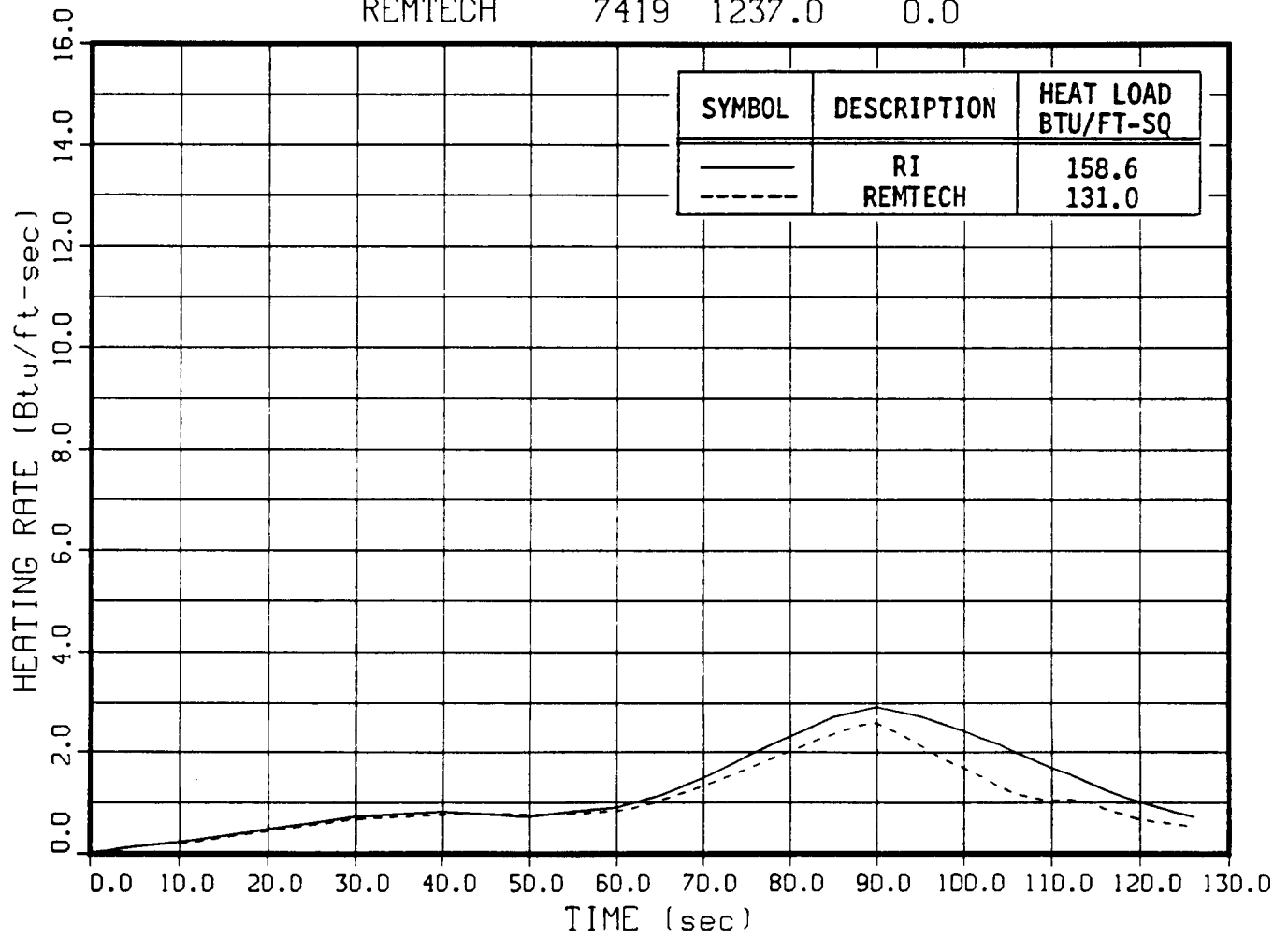
ZONE 4 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 1583 1203.8 90.0
 REMTECH 1055 1238.4 90.0



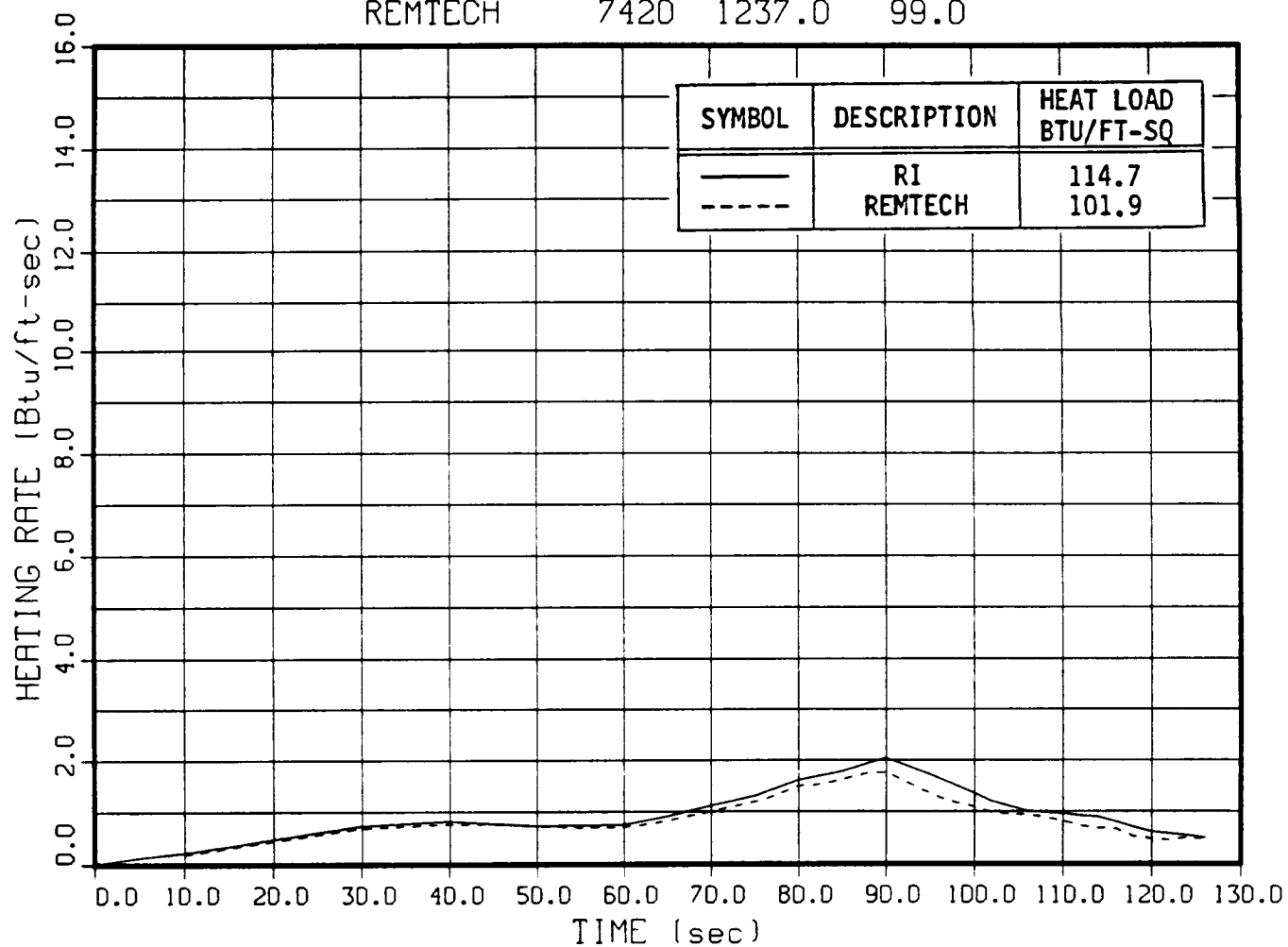
ZONE 4 - MOTOR CASING
 SOURCE B P # X_B θ_B
 ROCKWELL 187418 876.0 263.0
 REMTECH 7418 876.0 260.0



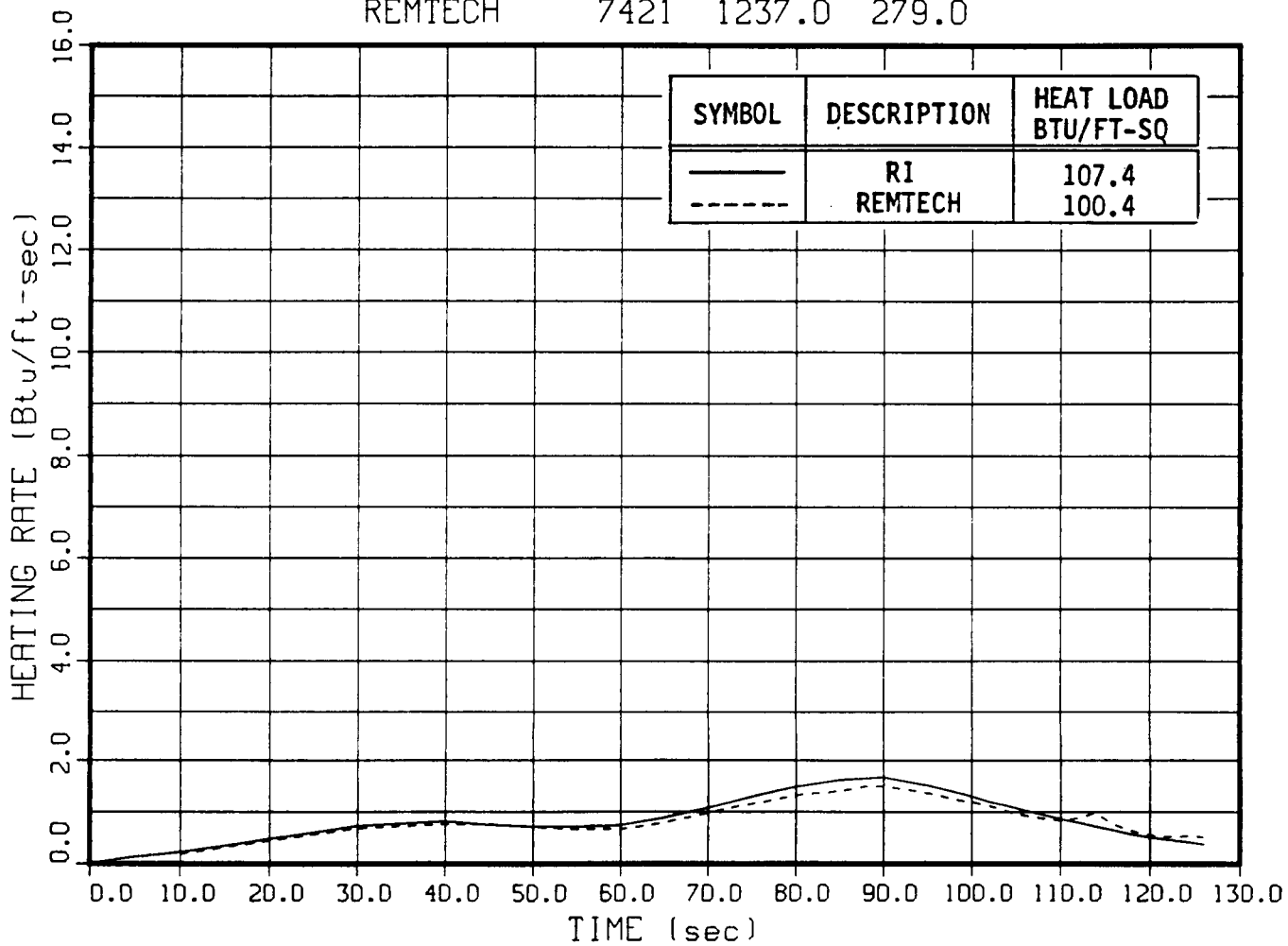
ZONE 4 - MOTOR CASING
 SOURCE B P # X_B θ_B
 ROCKWELL 187419 1237.0 0.0
 REMTECH 7419 1237.0 0.0



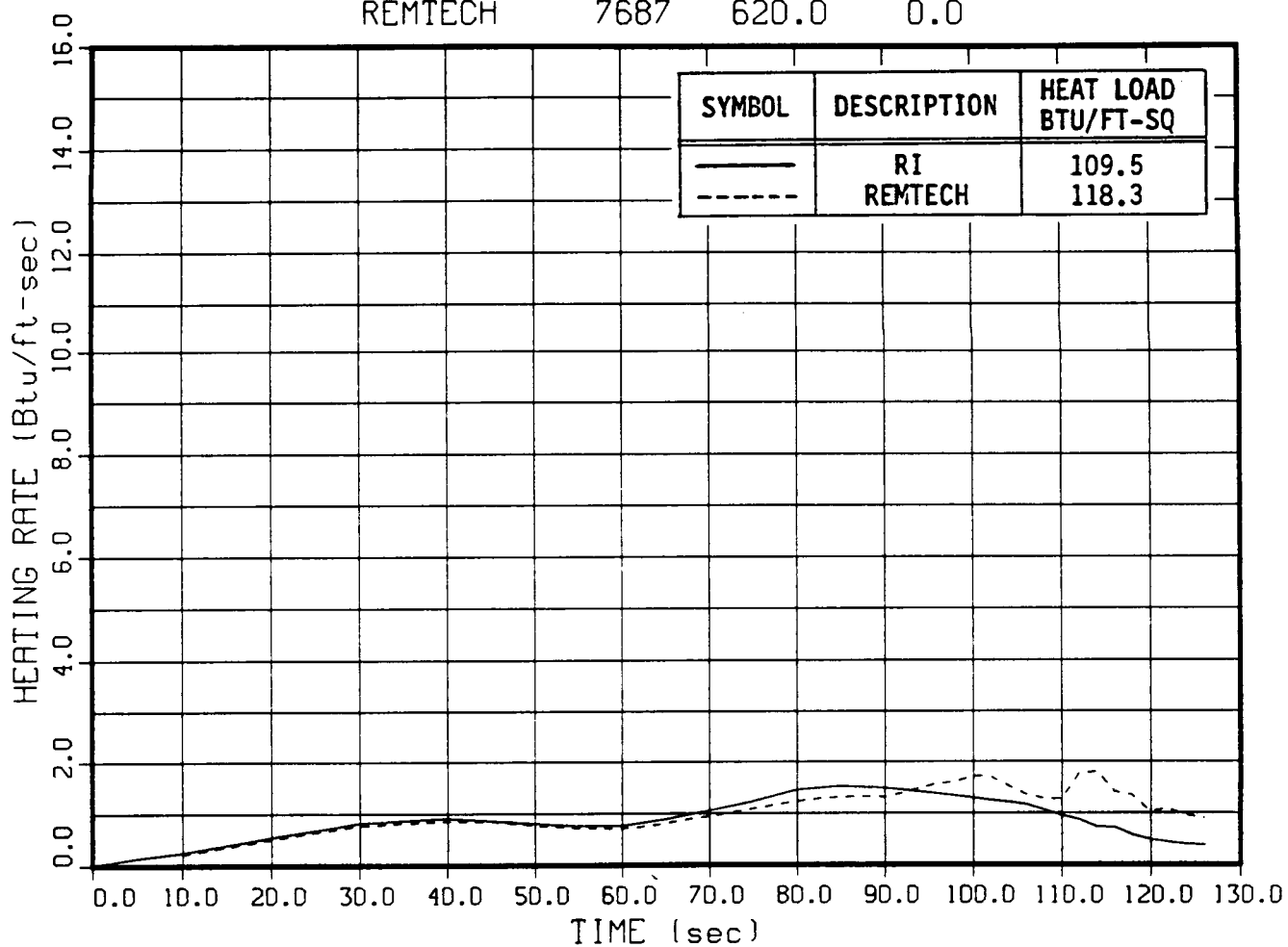
ZONE 4 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 187420 1237.0 97.0
 REMTECH 7420 1237.0 99.0



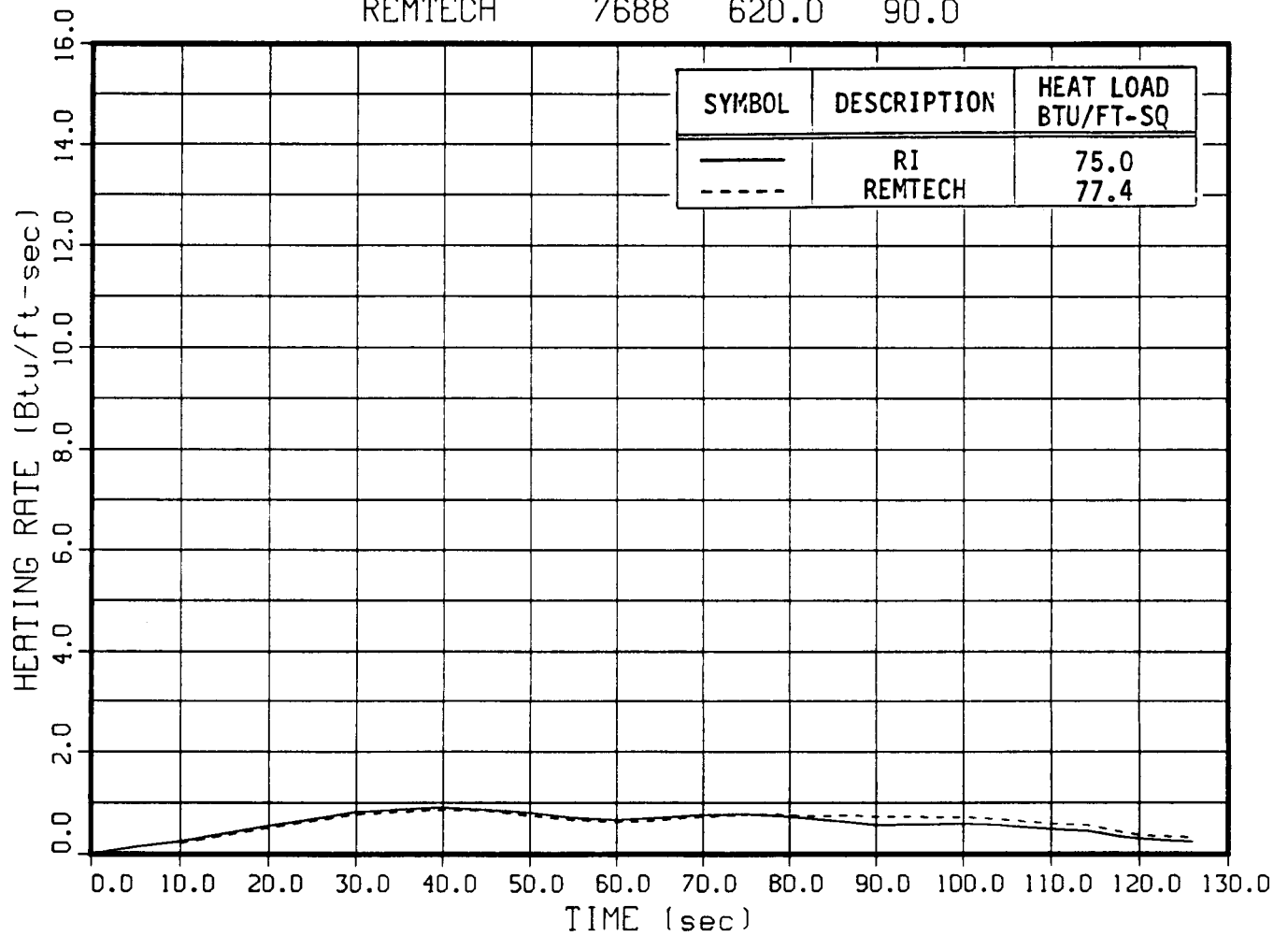
ZONE 4 - MOTOR CASING
 SOURCE B P # X_B θ_B
 ROCKWELL 187421 1237.0 277.0
 REMTECH 7421 1237.0 279.0



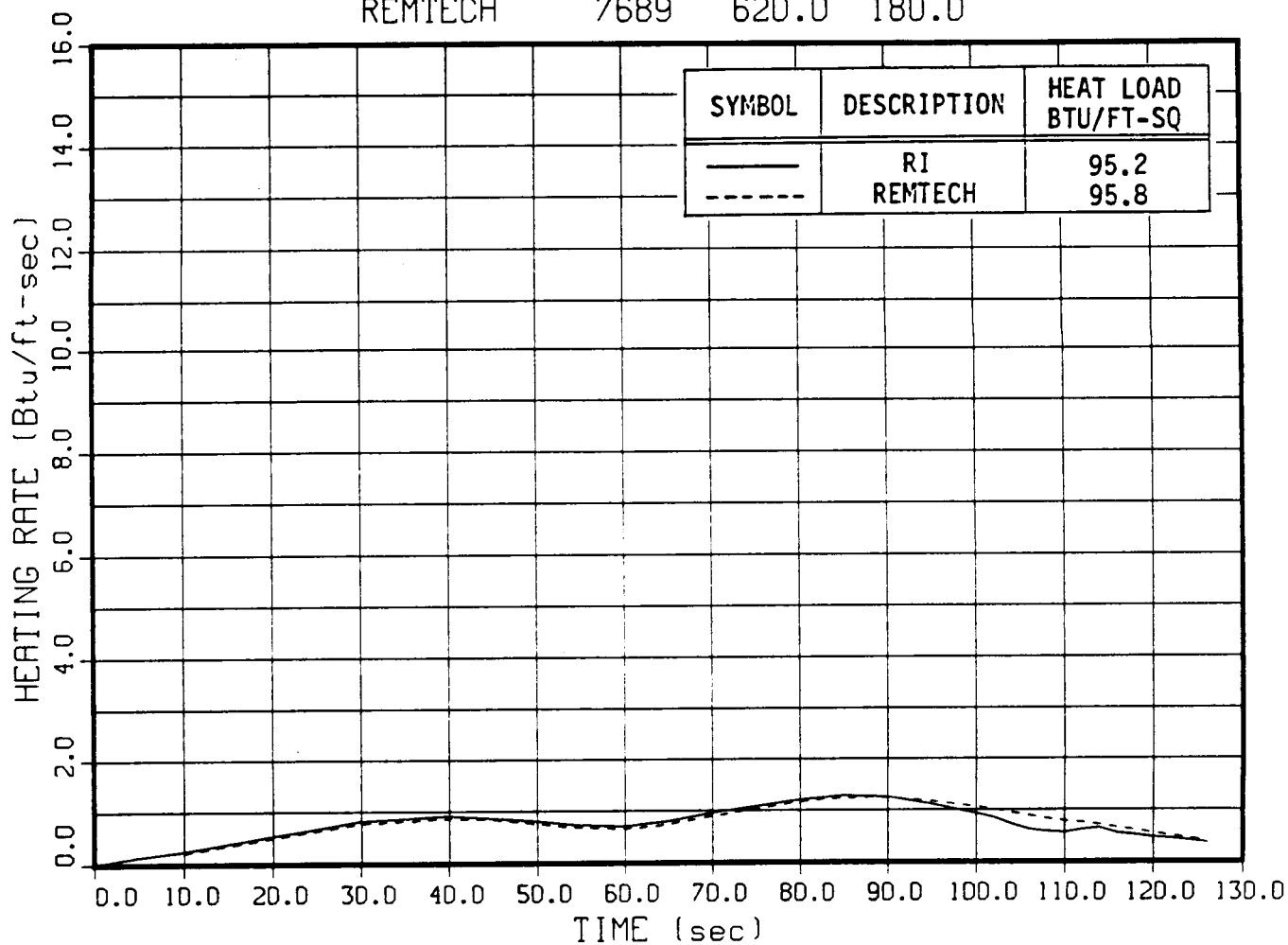
ZONE 4 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 187687 620.1 0.0
 REMTECH 7687 620.0 0.0



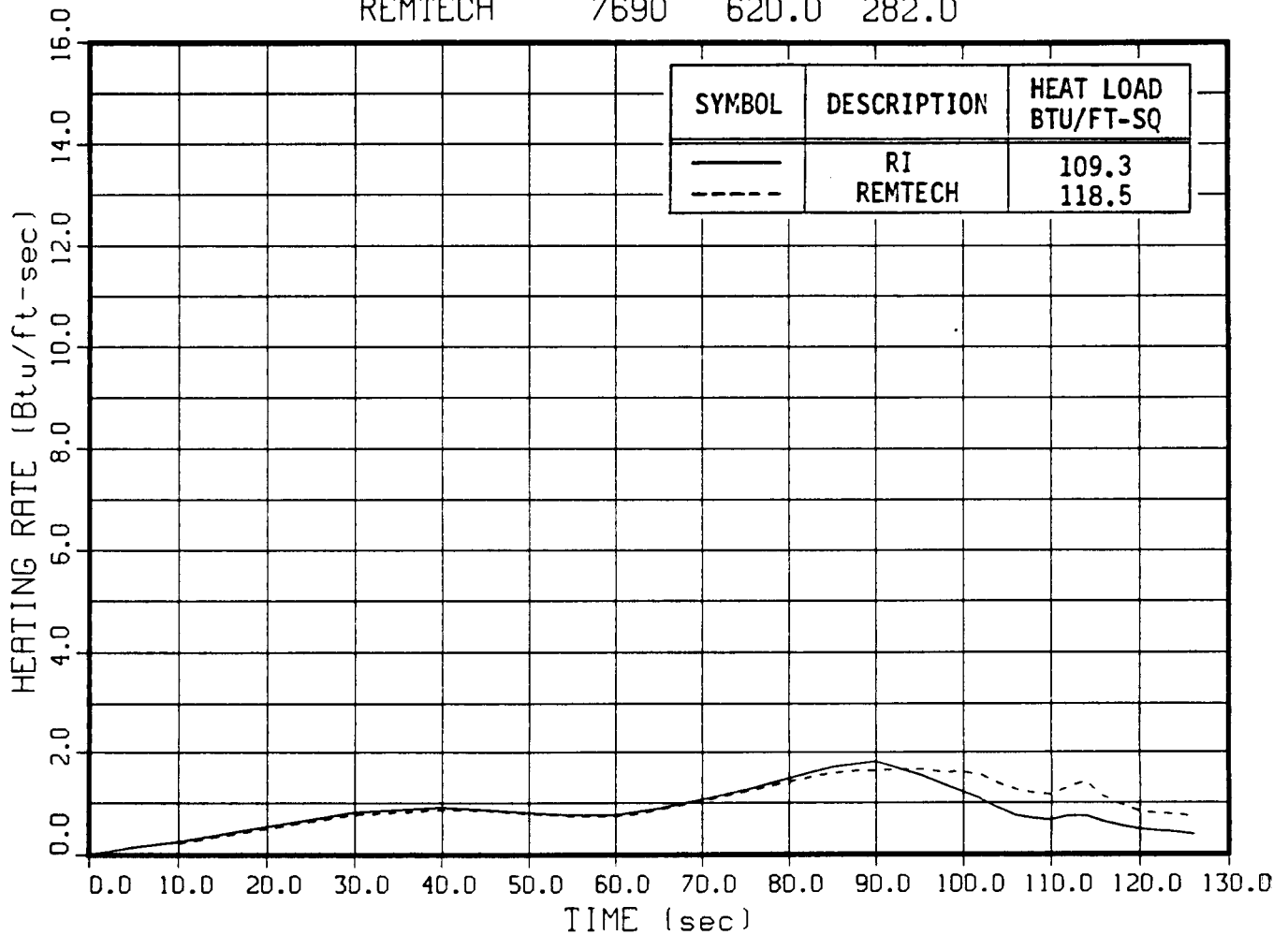
ZONE 4 - MOTOR CASING
 SOURCE B P # X_B θ_B
 ROCKWELL 187688 620.1 90.0
 REMTECH 7688 620.0 90.0



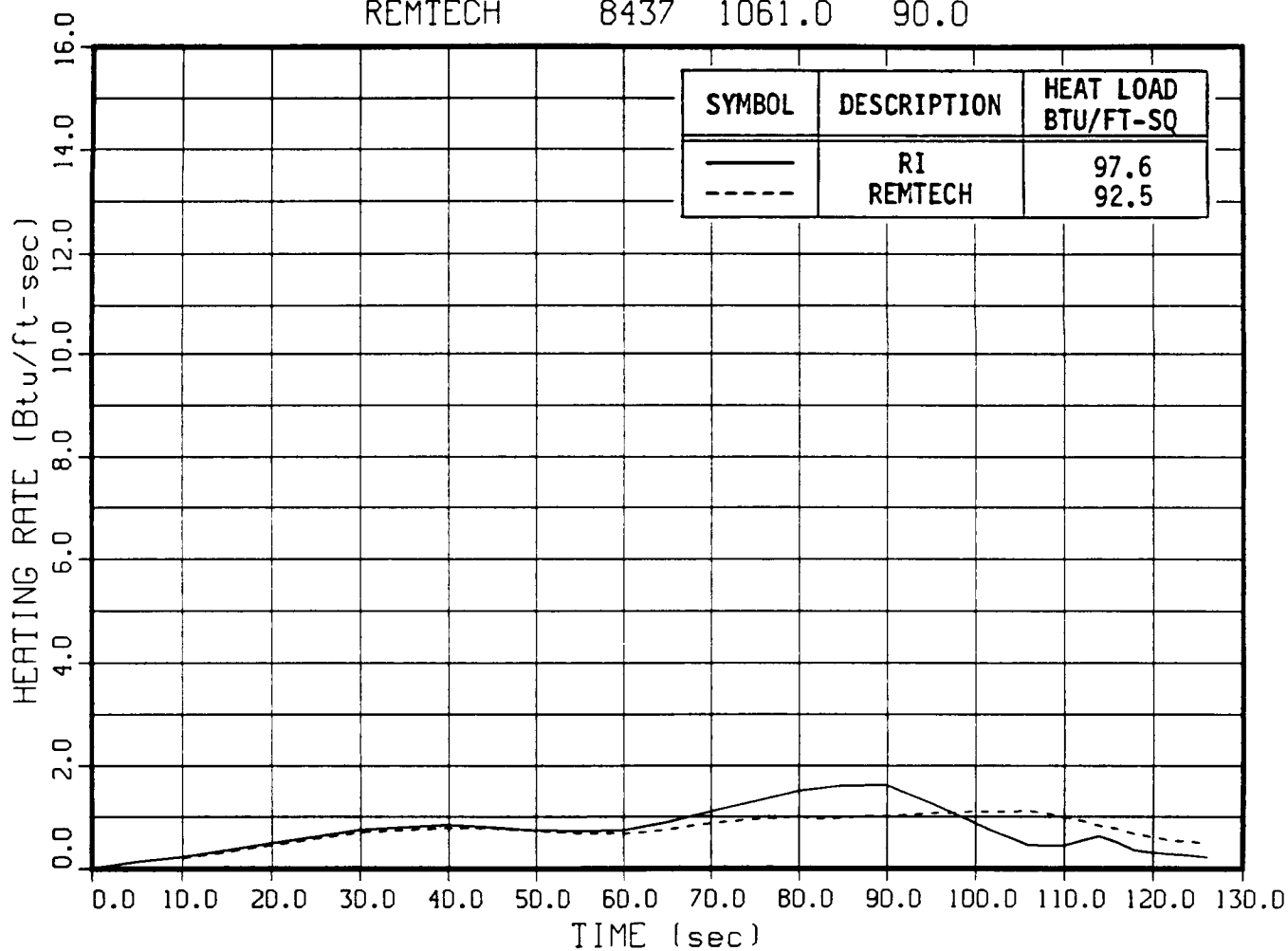
ZONE 4 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 187689 620.1 180.0
 REMTECH 7689 620.0 180.0



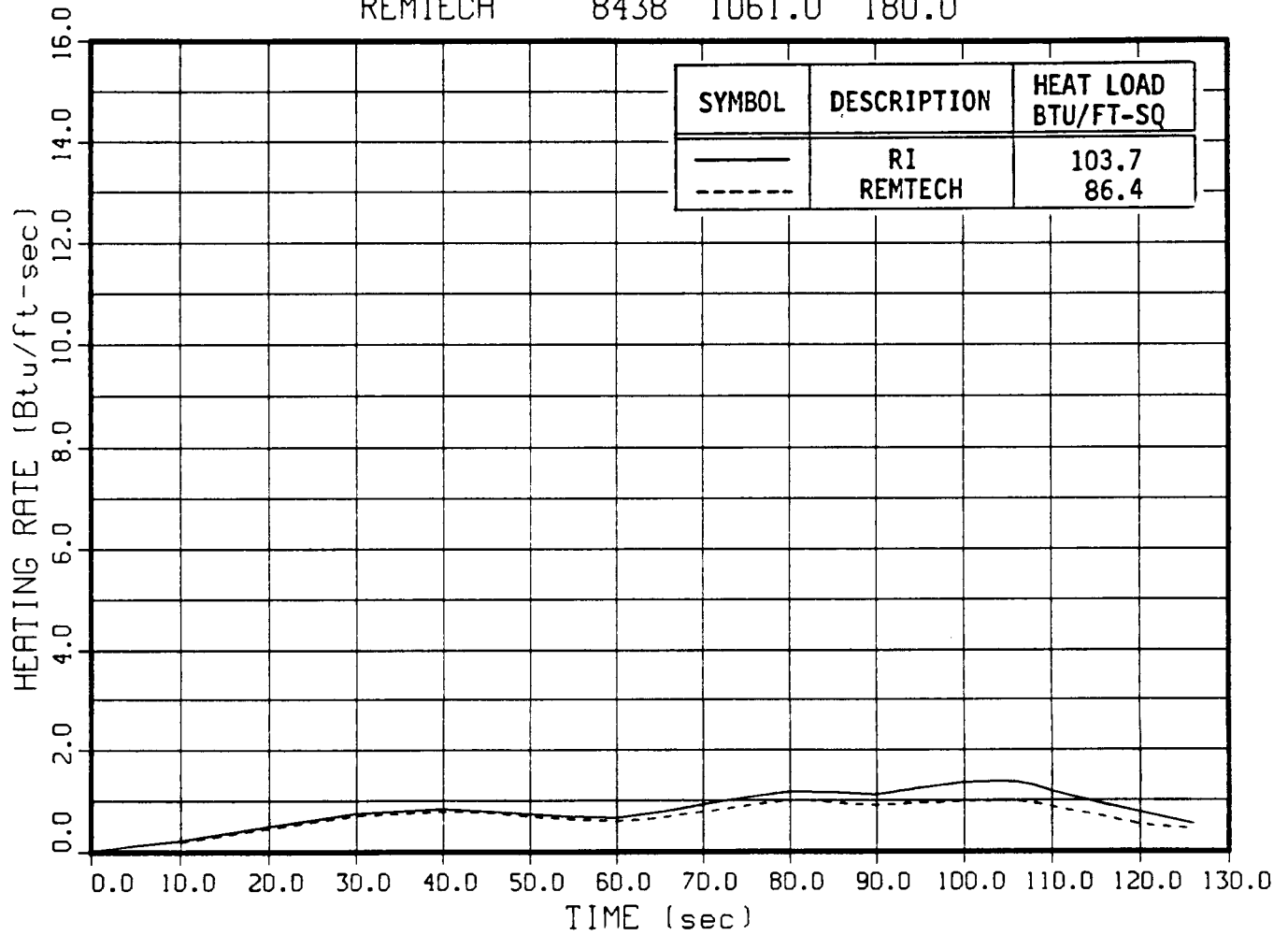
ZONE 4 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 187690 620.1 282.0
 REMTECH 7690 620.0 282.0



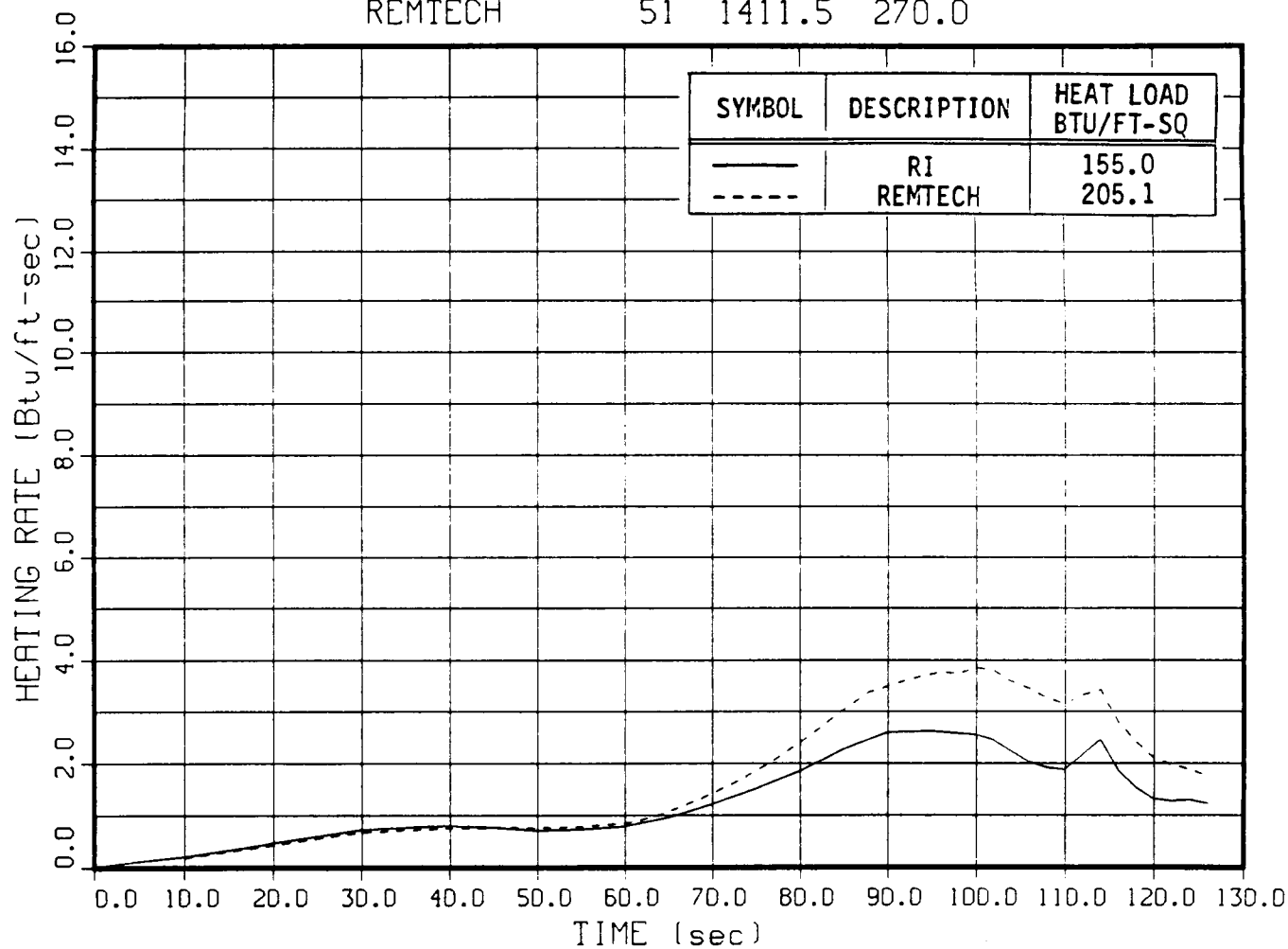
ZONE 4 - MOTOR CASING
 SOURCE B P # X_B θ_B
 ROCKWELL 188437 1061.0 90.0
 REMTECH 8437 1061.0 90.0



ZONE 4 - MOTOR CASING
 SOURCE B P # X₀ θ₀
 ROCKWELL 188438 1061.0 180.0
 REMTECH 8438 1061.0 180.0



ZONE 5 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 3737 1463.0 270.0
 REMTECH 51 1411.5 270.0

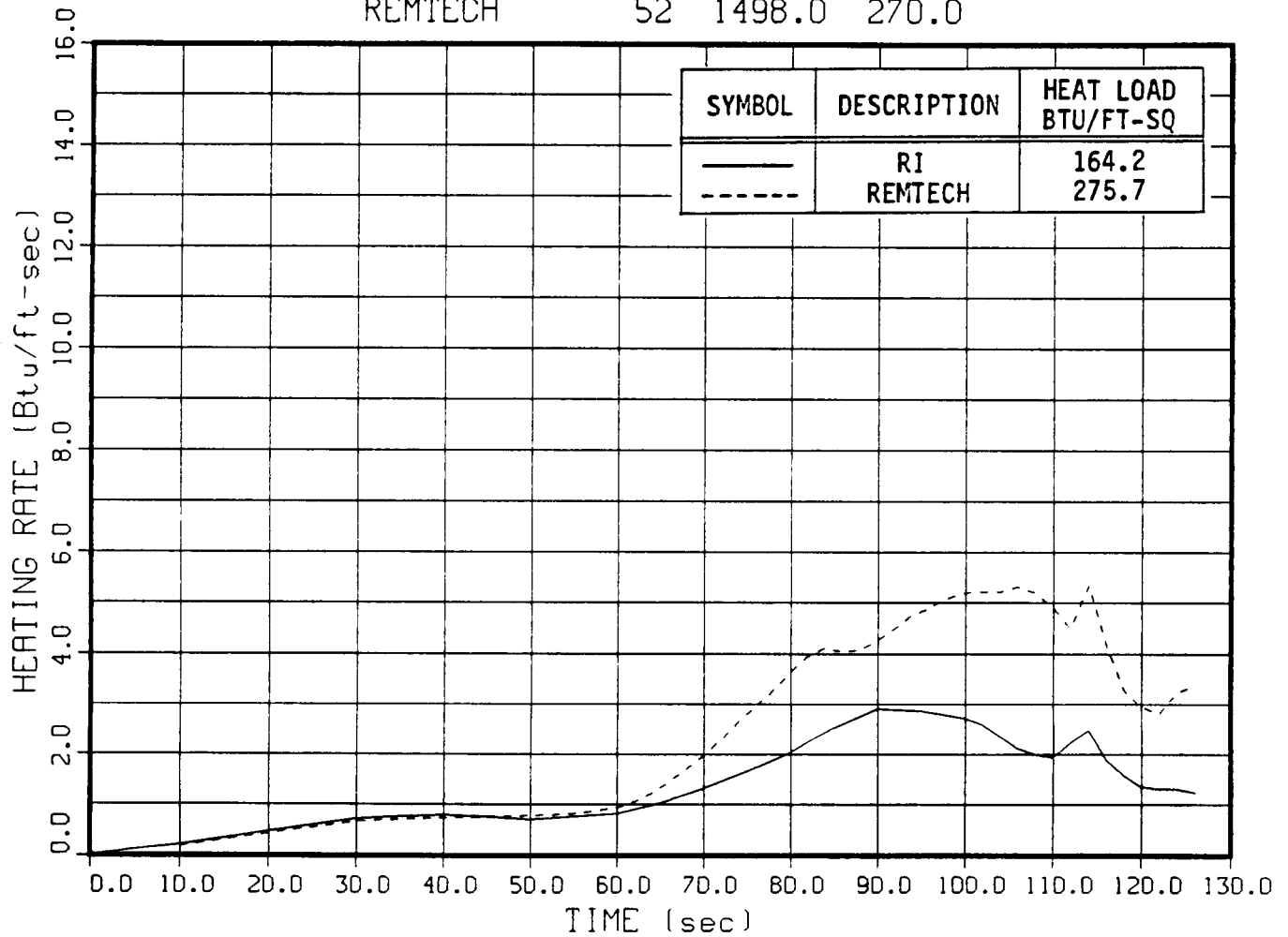


Comment

- Agreement acceptable

ZONE 5 - MOTOR CASING

SOURCE	B P #	X	θ
ROCKWELL	3757	1498.0	270.0
REMTECH	52	1498.0	270.0

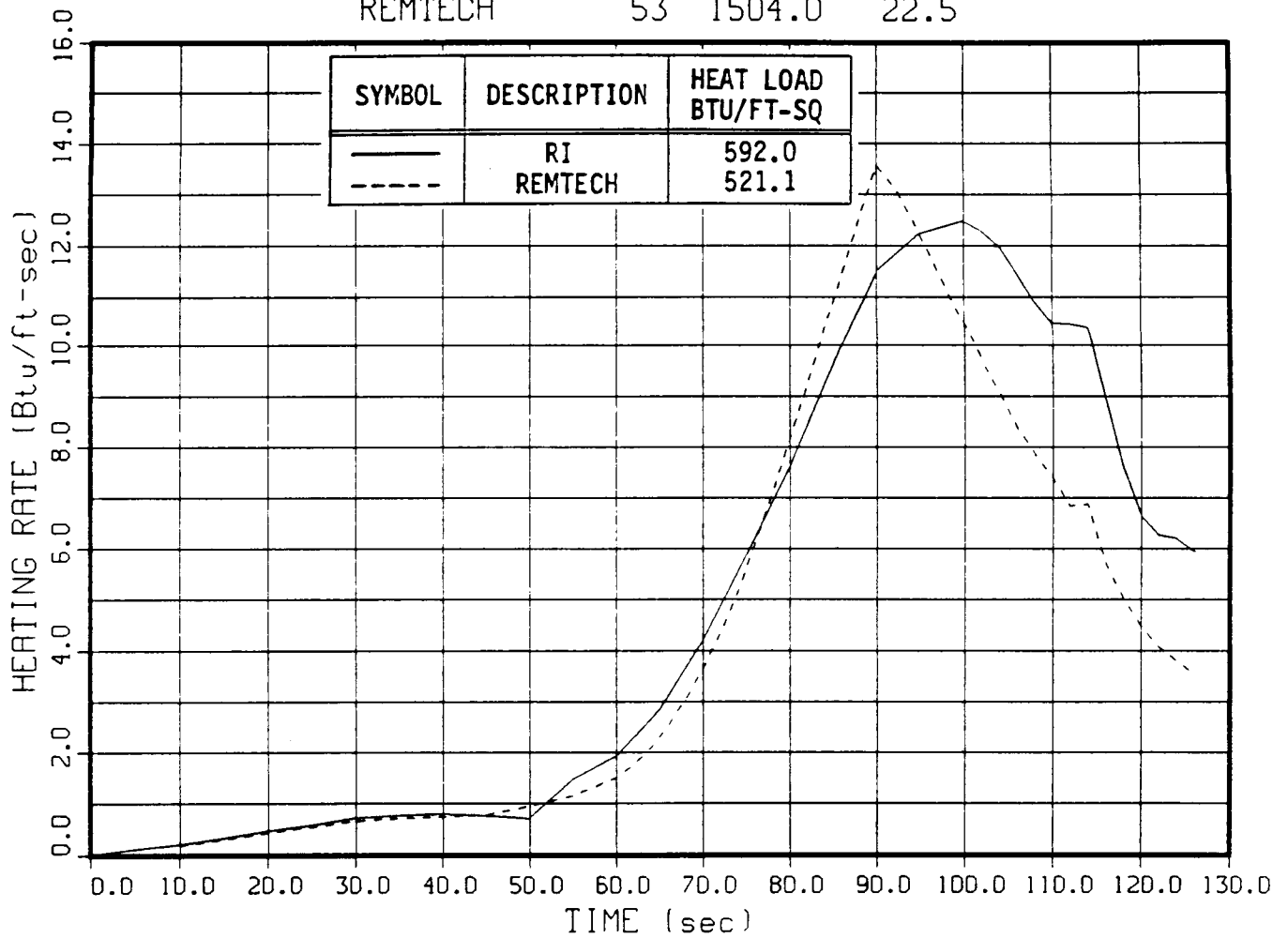


Comment

- RI IVBC-3 BP 3757 has a 1.45 multiplier for body points on the field joint.
Applying this factor to the environment shown would bring the Rockwell results into close agreement with REMTECH. REMTECH reflects the correct level here

ZONE 5 - MOTOR CASING

SOURCE	B P #	X _B	θ _B
ROCKWELL	972	1505.0	22.5
REMTECH	53	1504.0	22.5

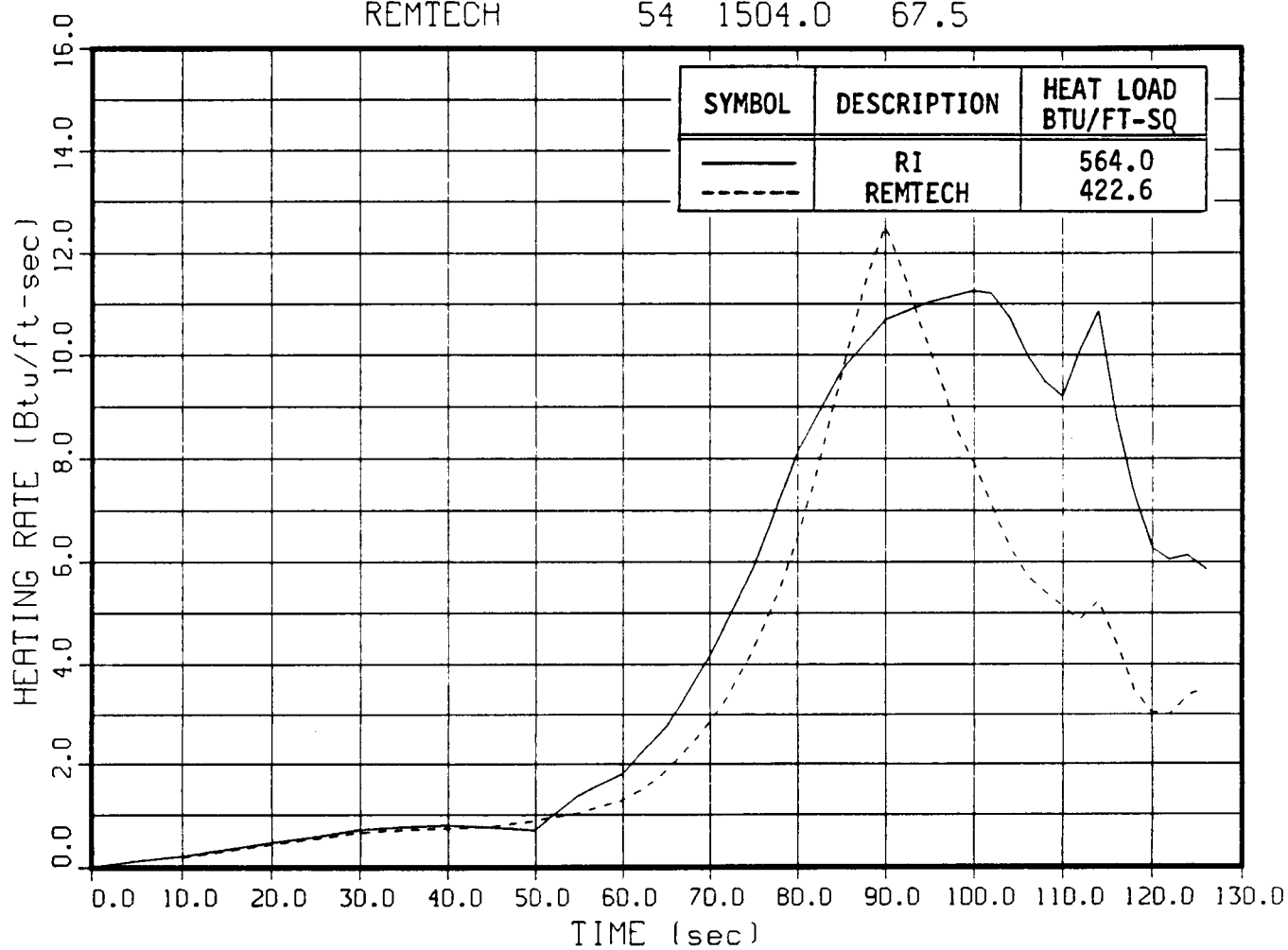


Comment

- Agreement acceptable - No TPS design impact

ZONE 5 - MOTOR CASING

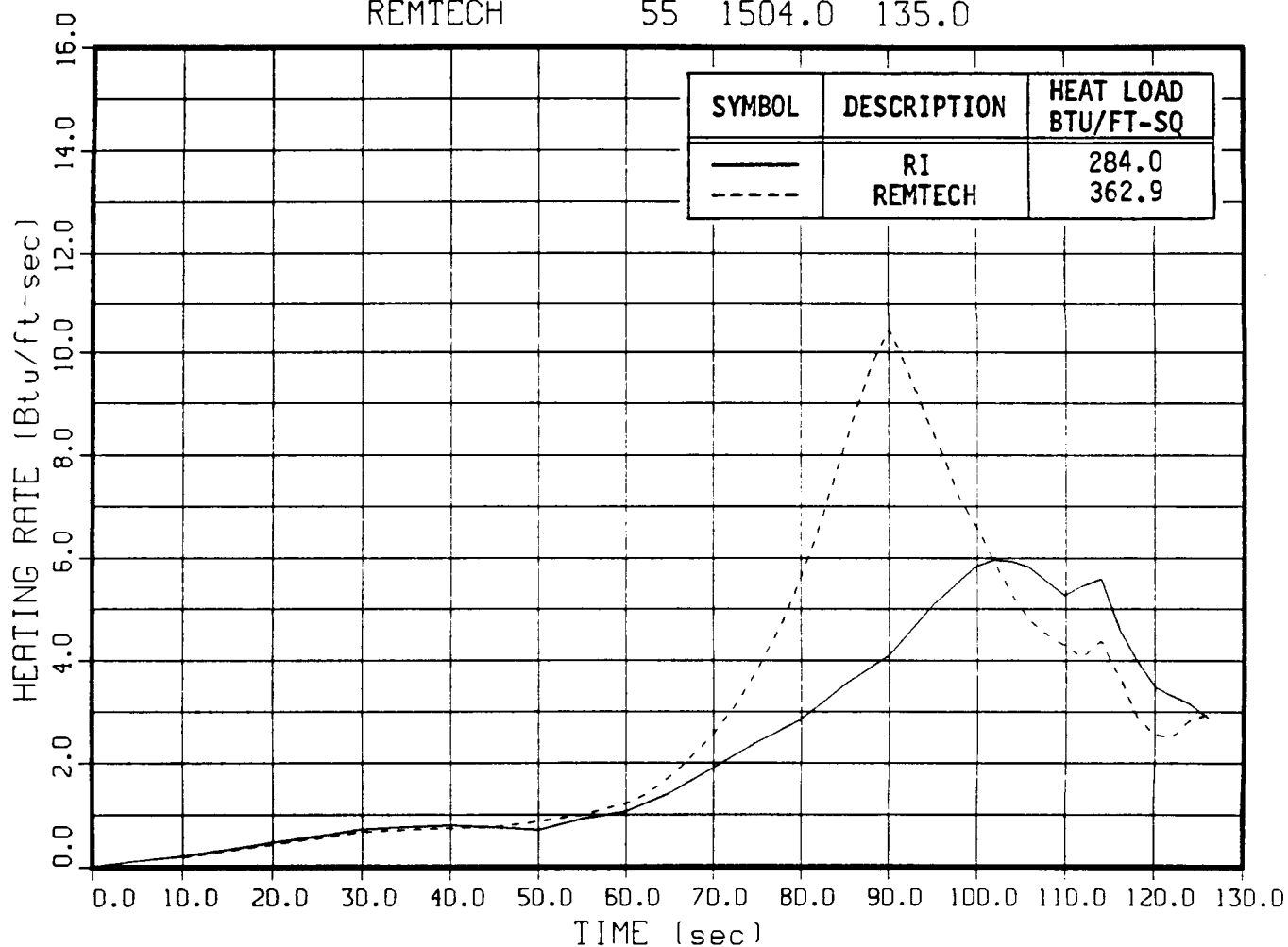
SOURCE	B P #	X _B	θ _B
ROCKWELL	977	1505.0	67.5
REMTECH	54	1504.0	67.5



Comment

- Data from upcoming DFI flights required to resolve discrepancy - no previous measurements of this location

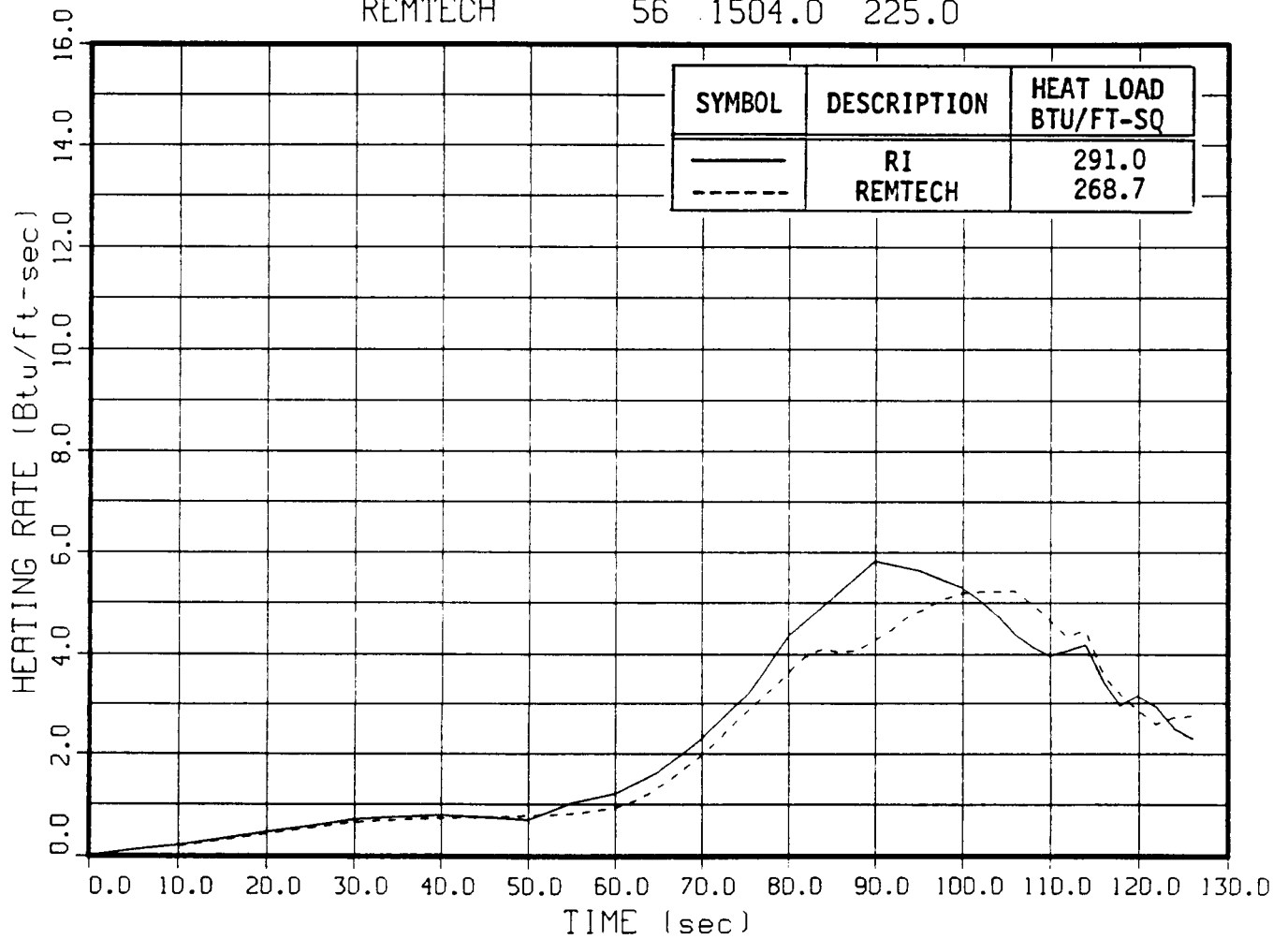
ZONE 5 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 974 1505.0 135.0
 REMTECH 55 1504.0 135.0



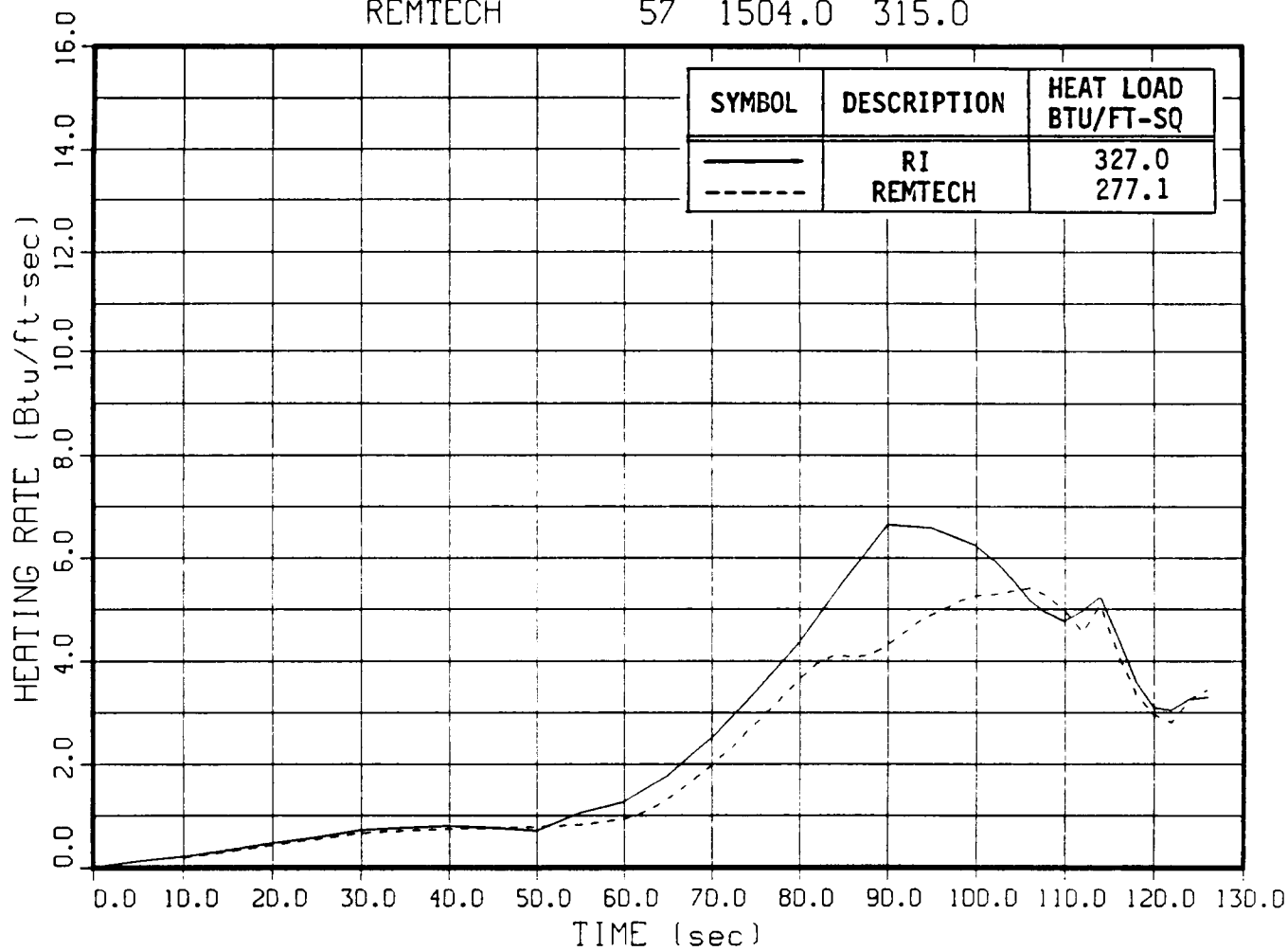
Comment

- Data from upcoming DFI flight (STS-26R-31R) required to resolve disparity

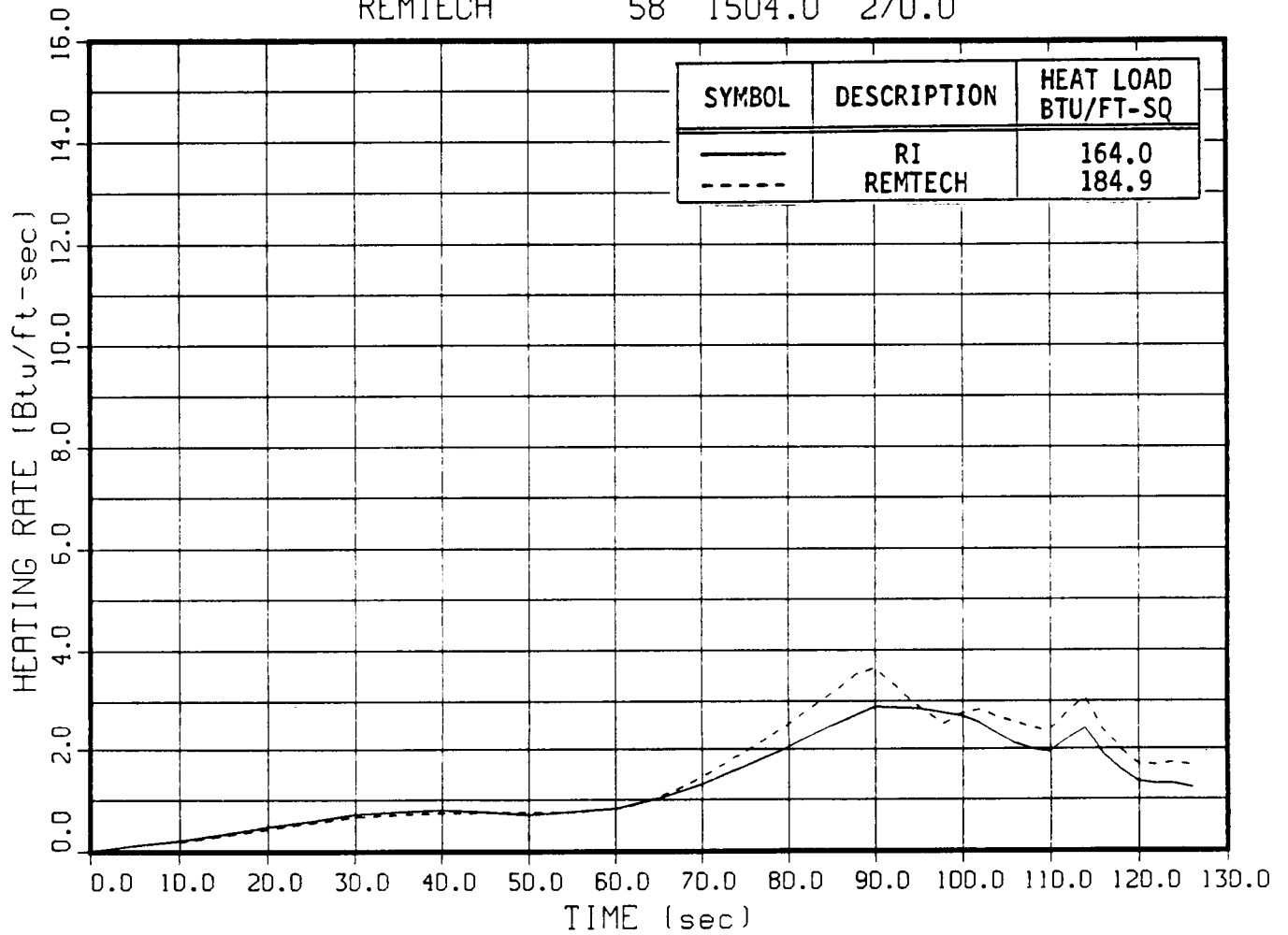
ZONE 5 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 976 1504.0 225.0
 REMTECH 56 1504.0 225.0



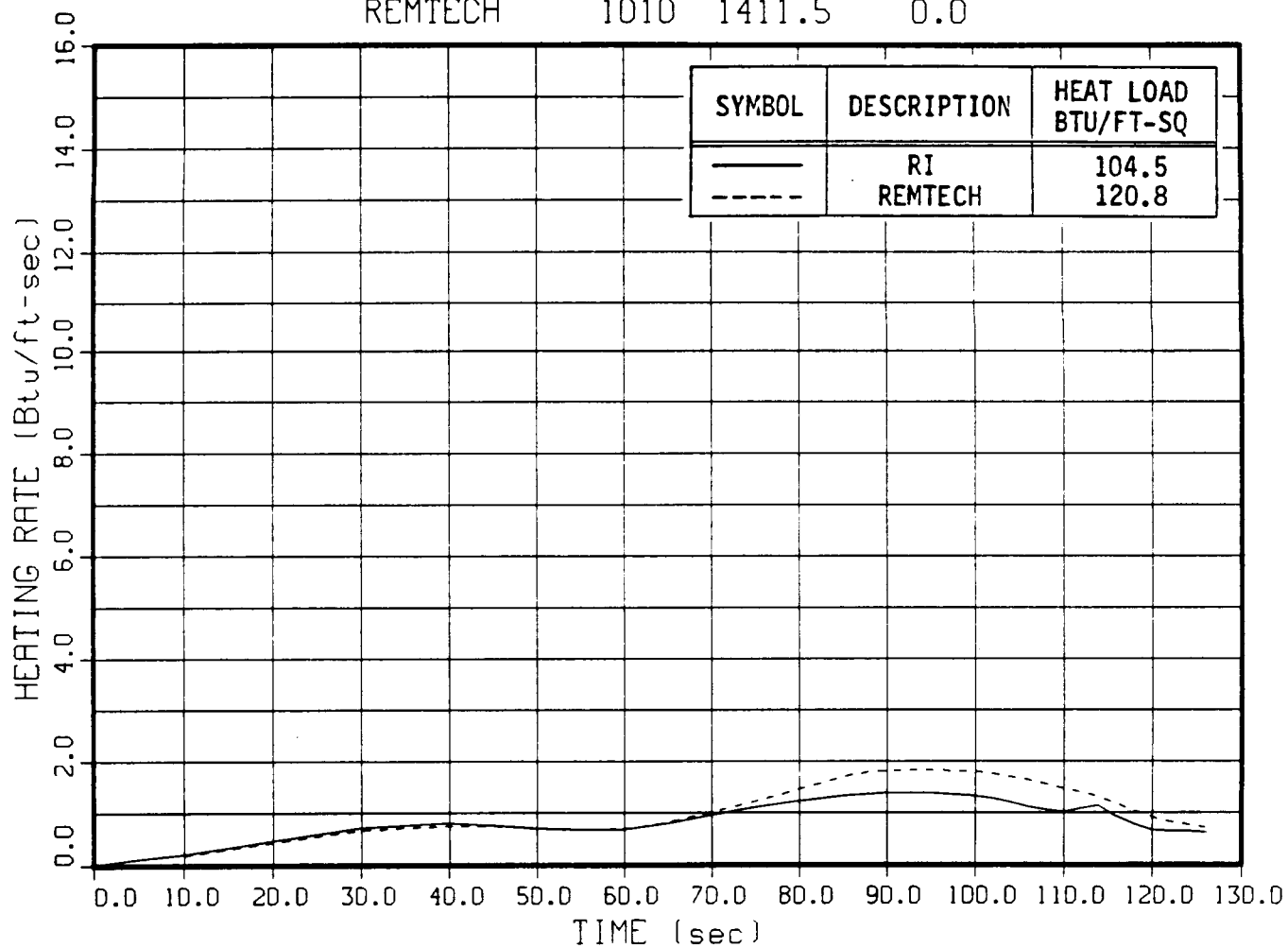
ZONE 5 - MOTOR CASING
 SOURCE B P # X_B θ_B
 ROCKWELL 979 1505.0 315.0
 REMTECH 57 1504.0 315.0



ZONE 5 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 10510 1503.0 270.0
 REMTECH 58 1504.0 270.0

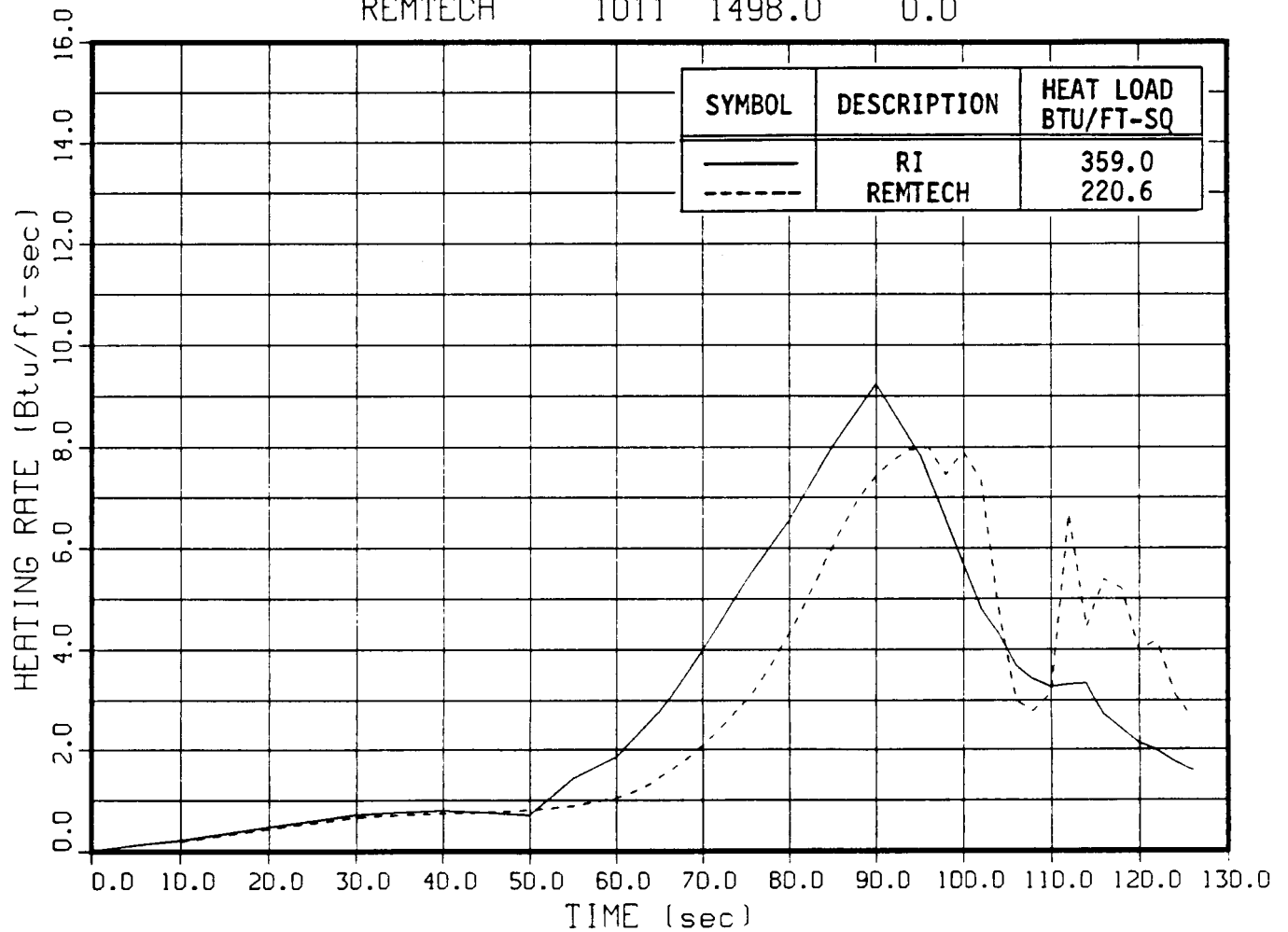


ZONE 5 - MOTOR CASING
 SOURCE B P # X_B θ_B
 ROCKWELL 1709 1411.4 315.0
 REMTECH 1010 1411.5 0.0



ZONE 5 - MOTOR CASING

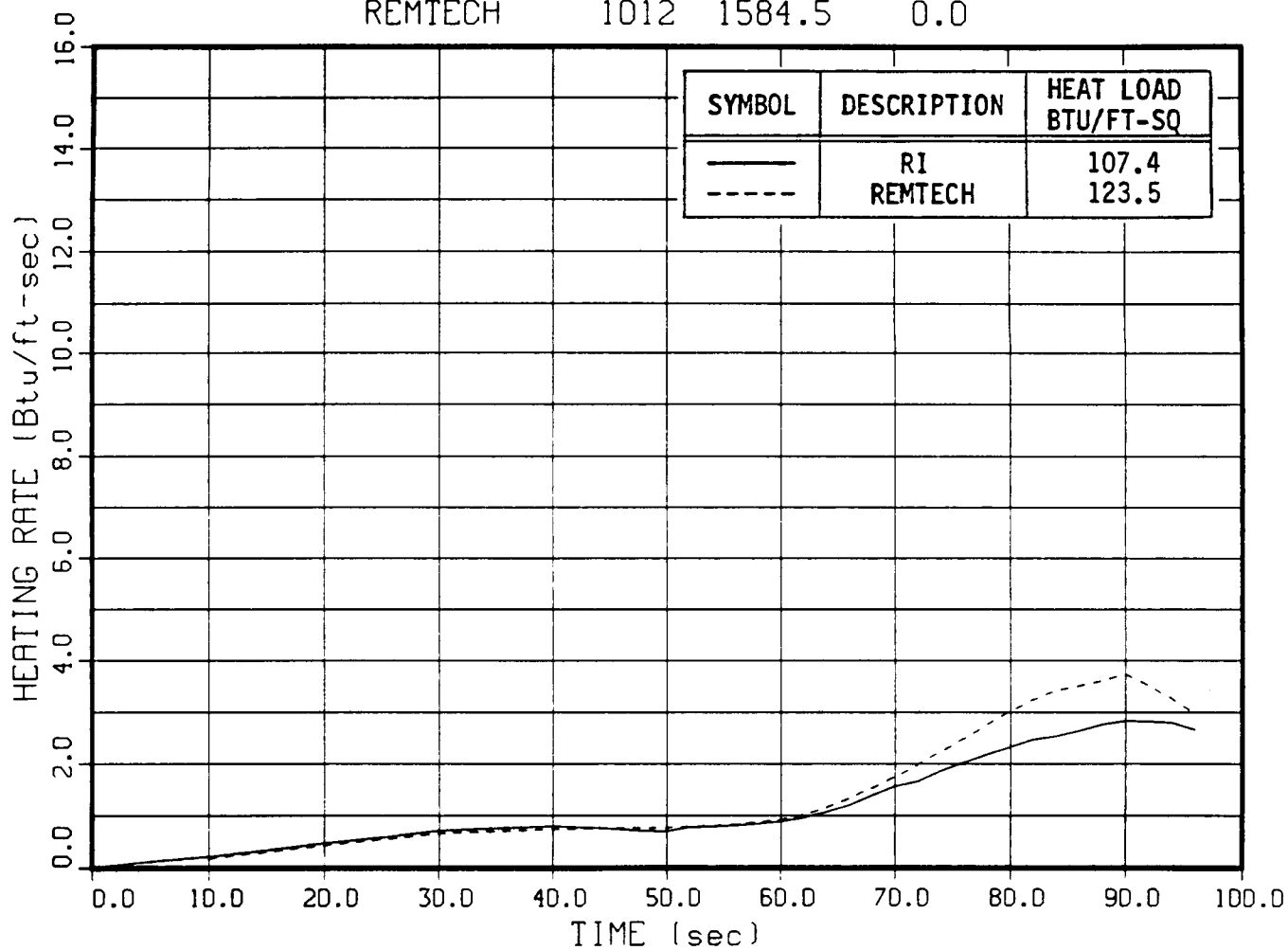
SOURCE	B P #	X _B	θ _B
ROCKWELL	10512	1498.0	0.0
REMTECH	1011	1498.0	0.0



Comment

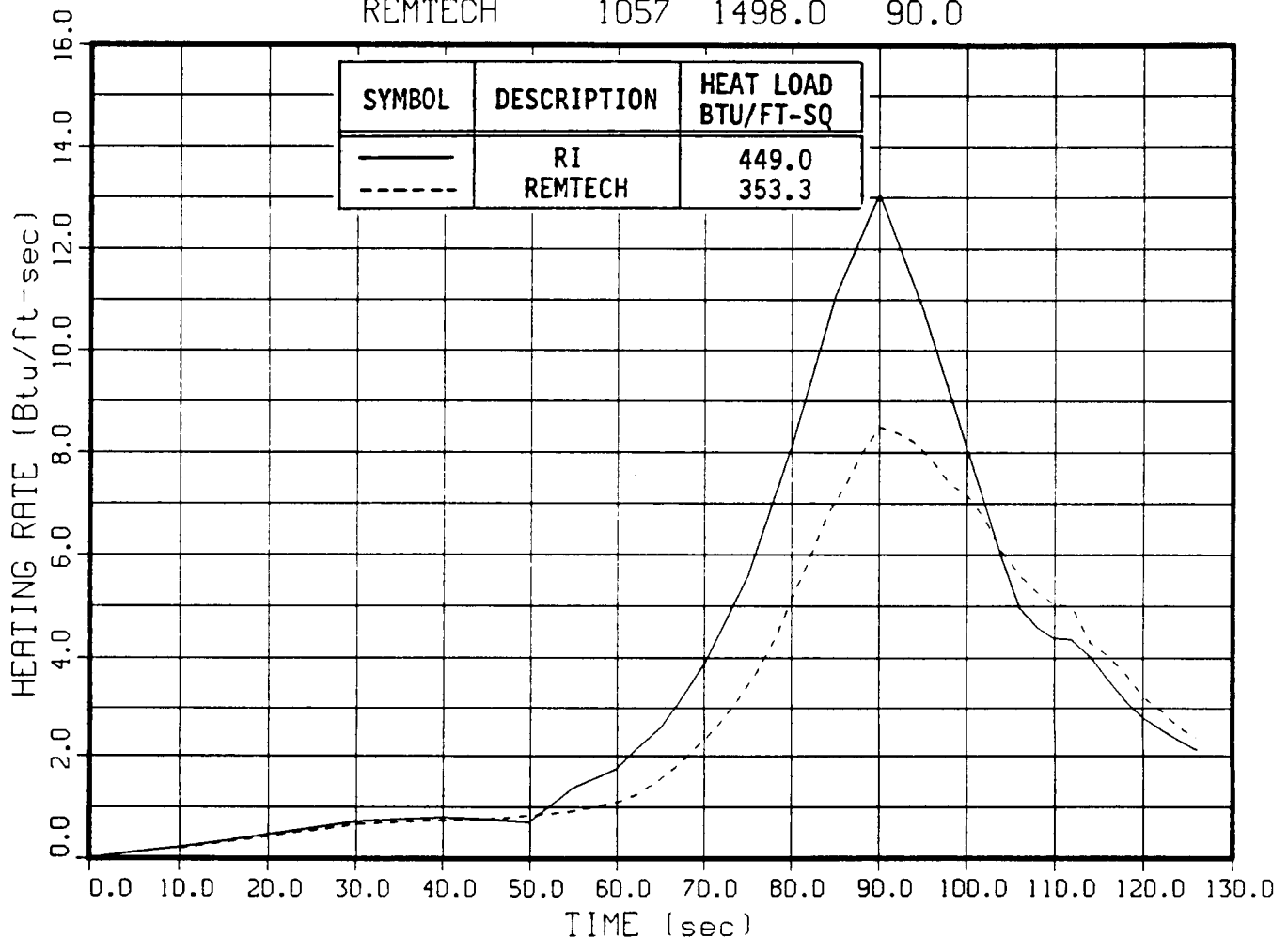
- Agreement acceptable - No TPS design impact

ZONE 5 - MOTOR CASING
 SOURCE B P # X_B θ_B
 ROCKWELL 1790 1567.2 0.0
 REMTECH 1012 1584.5 0.0



ZONE 5 - MOTOR CASING

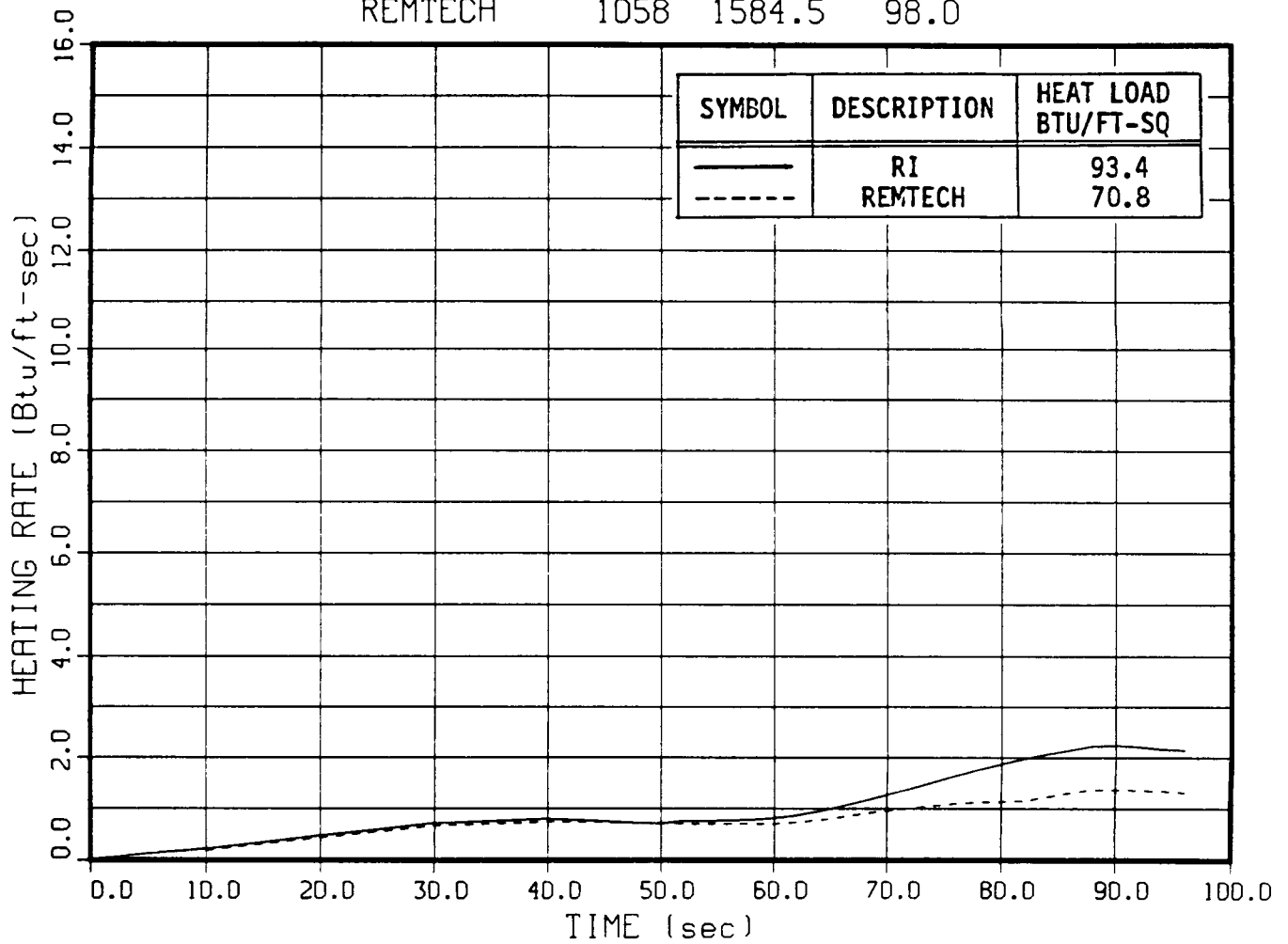
SOURCE	B P #	X _B	θ _B
ROCKWELL	10516	1498.0	90.0
REMTECH	1057	1498.0	90.0



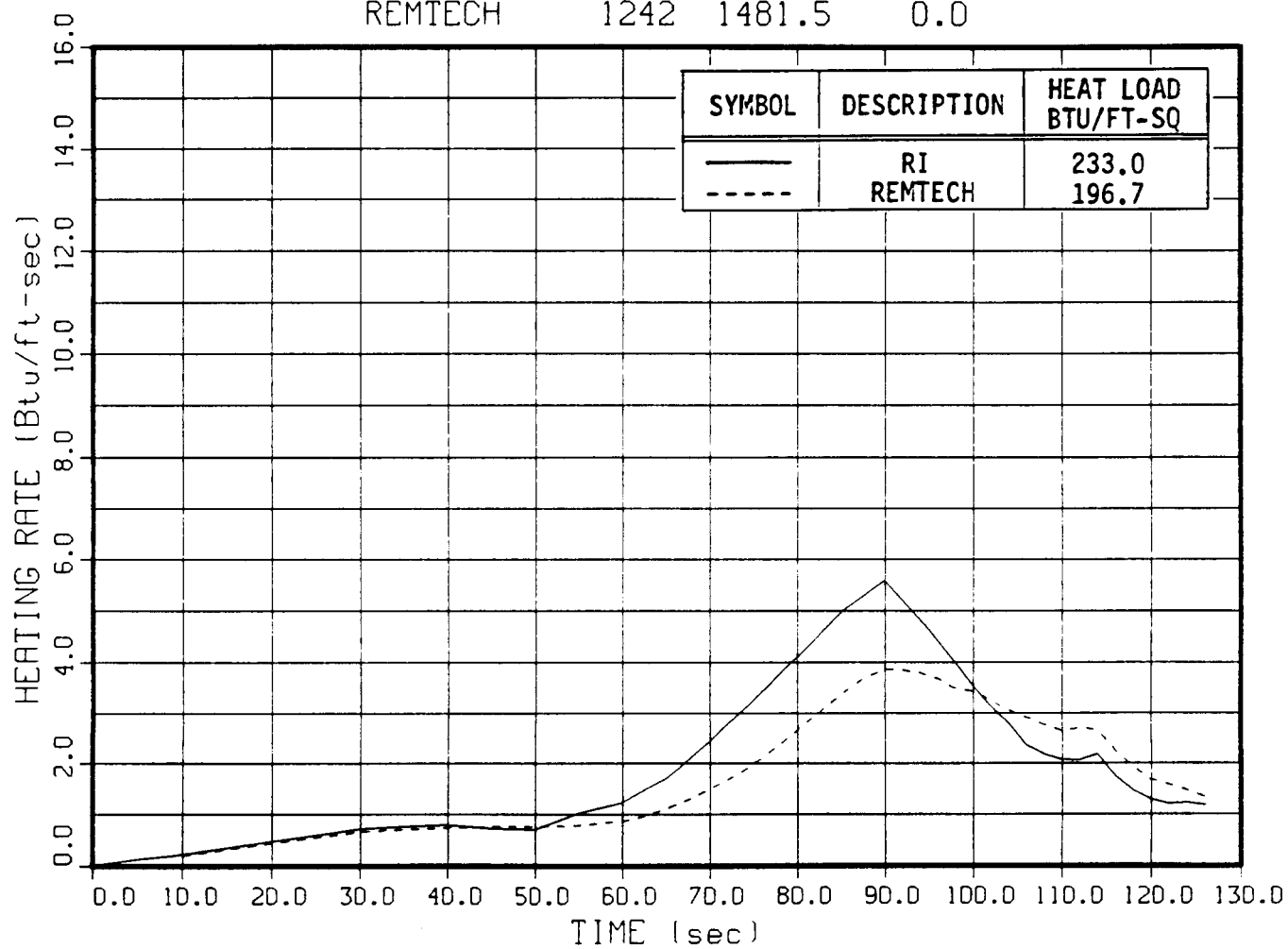
Comment

- RI IVBC-3 considered high. The 1.25 factor applied to the body points at the field joint location $X_B = 1498$ make the environment equal to the forward face of the Attach Ring

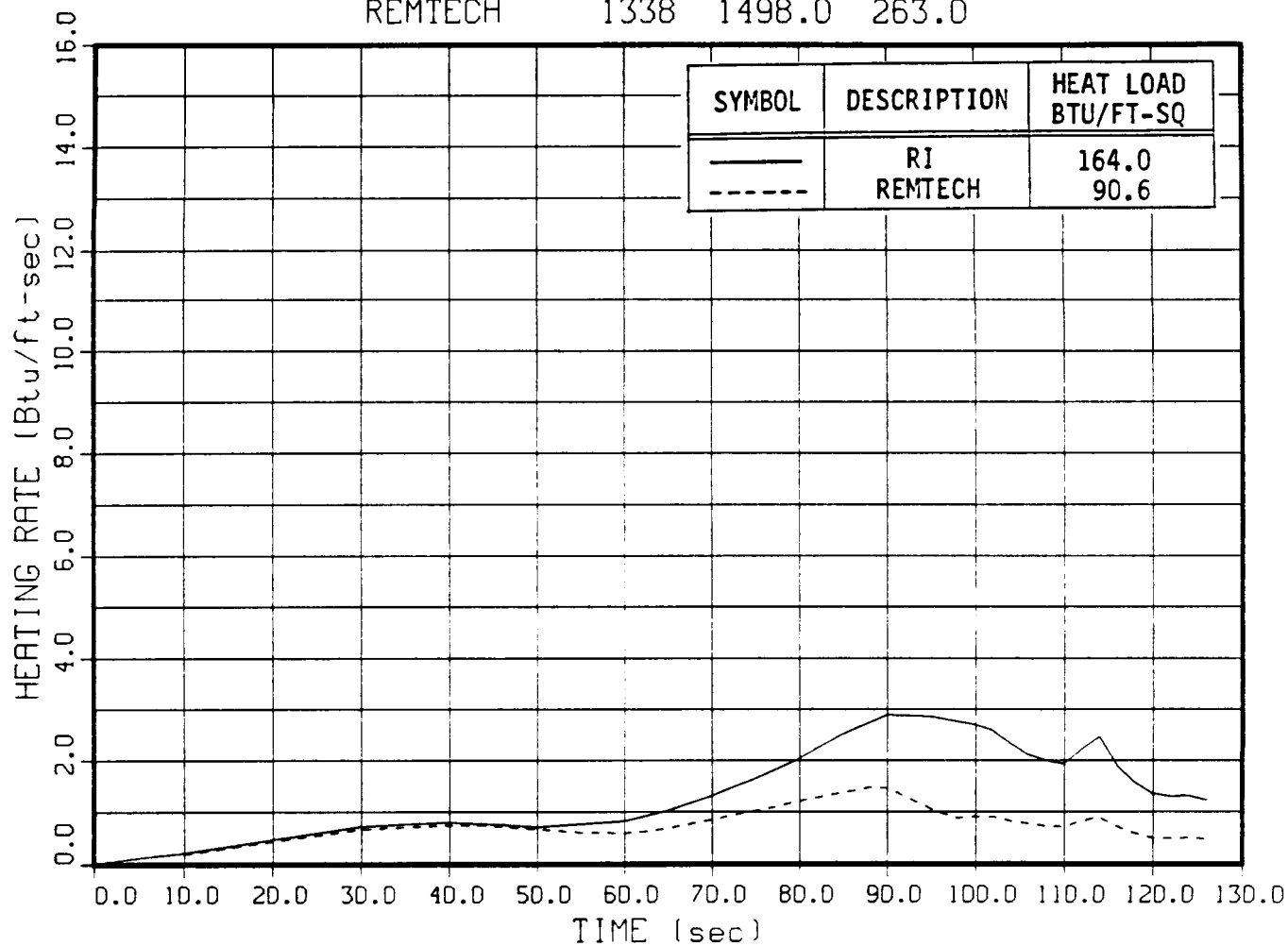
ZONE 5 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 1793 1567.2 90.0
 REMTECH 1058 1584.5 98.0



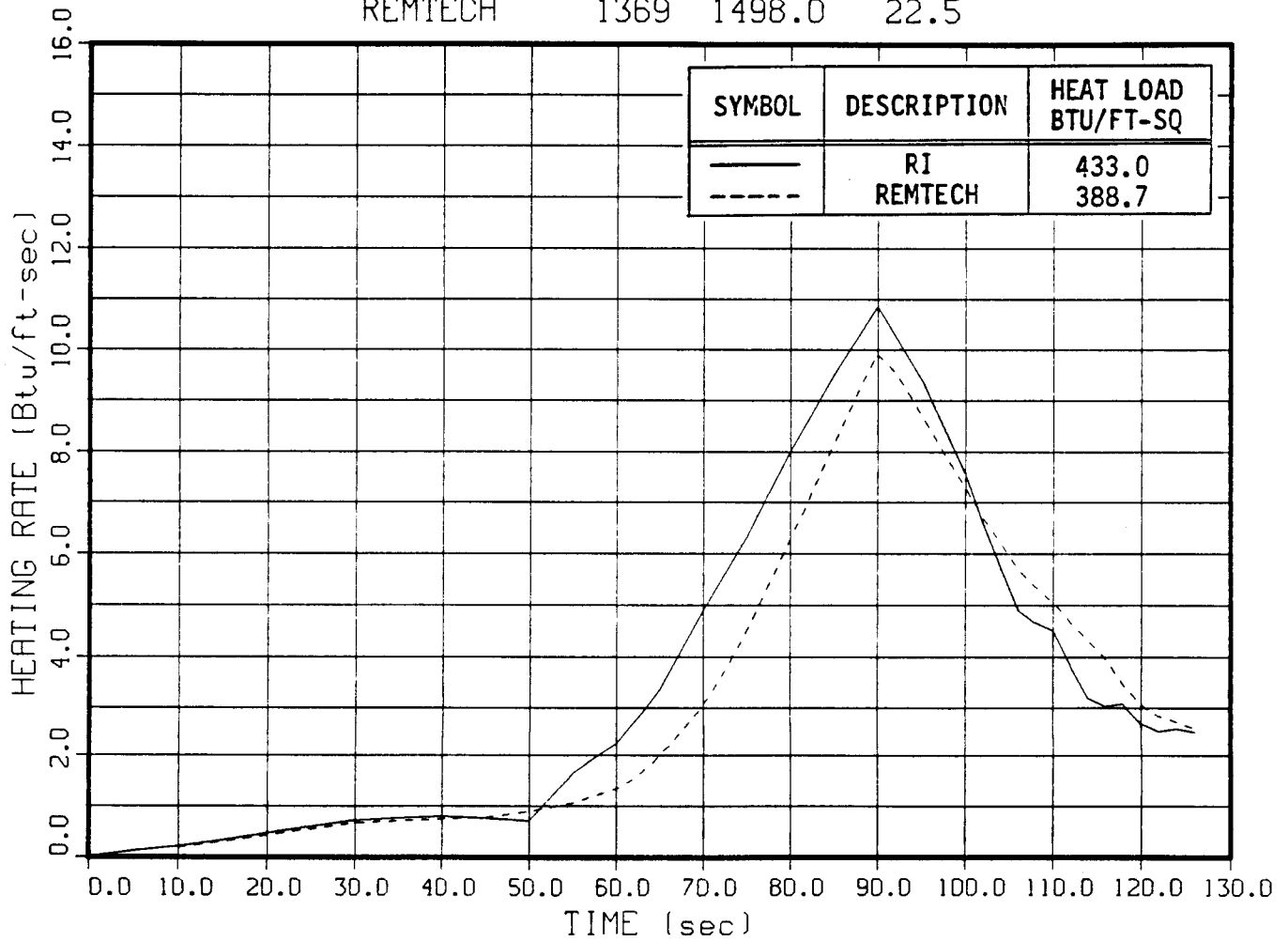
ZONE 5 - MOTOR CASING
 SOURCE B P # X_B θ_B
 ROCKWELL 1730 1463.0 0.0
 REMTECH 1242 1481.5 0.0



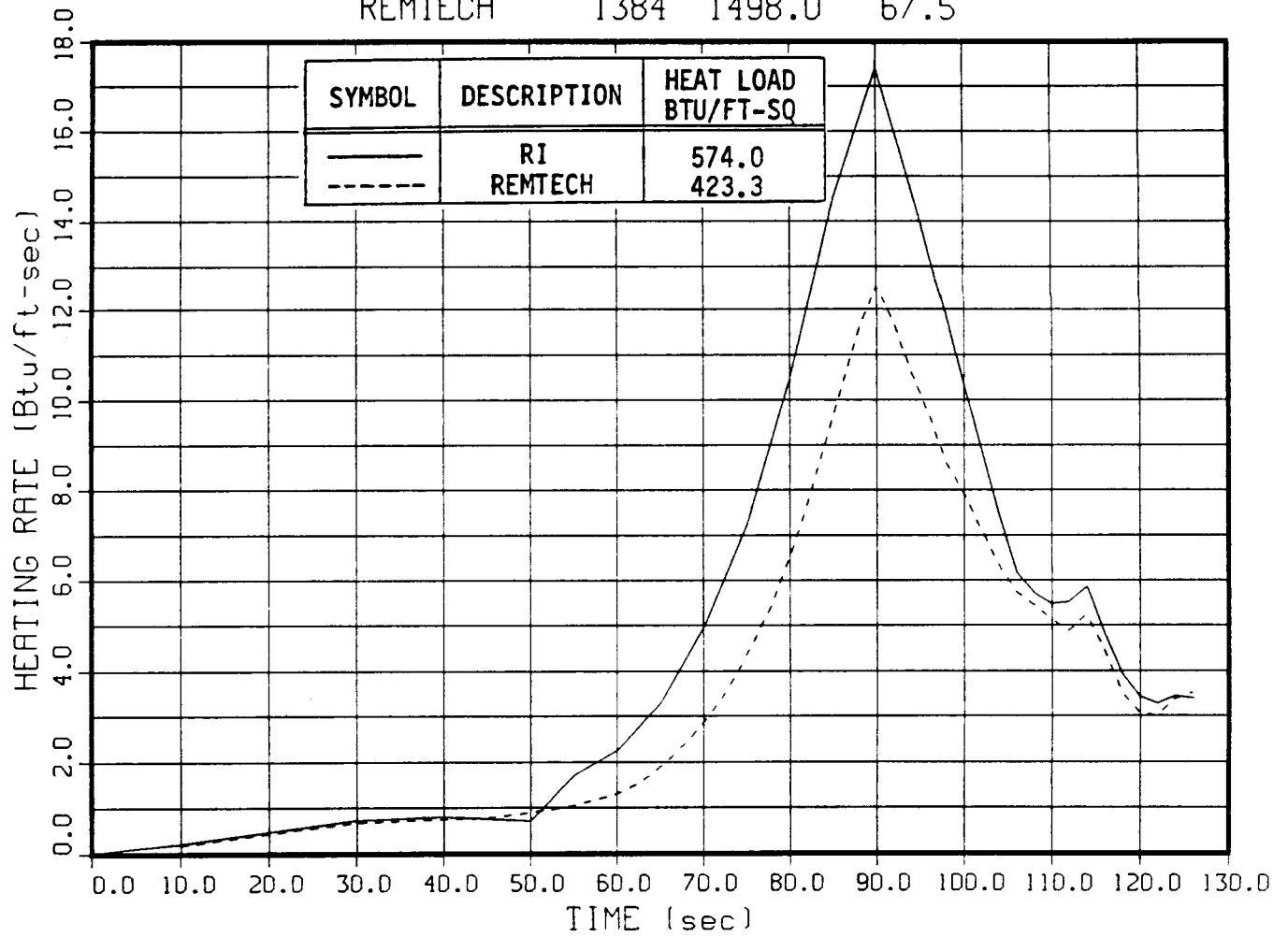
ZONE 5 - MOTOR CASING
 SOURCE B P # X_B θ_B
 ROCKWELL 3756 1498.0 269.0
 REMTECH 1338 1498.0 263.0



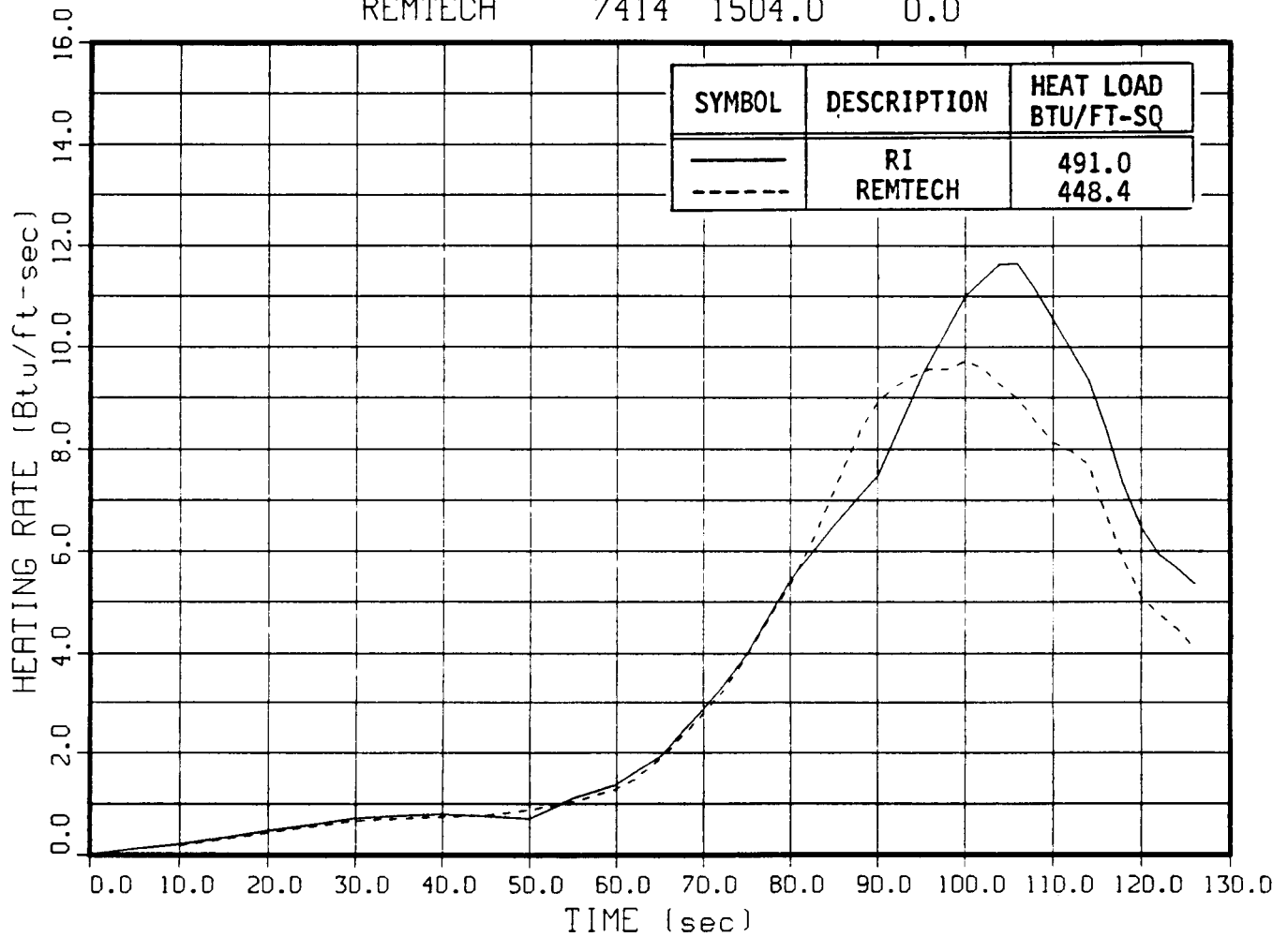
ZONE 5 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 10513 1498.0 30.0
 REMTECH 1369 1498.0 22.5



ZONE 5 - MOTOR CASING
 SOURCE B P # X_B θ_B
 ROCKWELL 10515 1498.0 60.0
 REMTECH 1384 1498.0 67.5

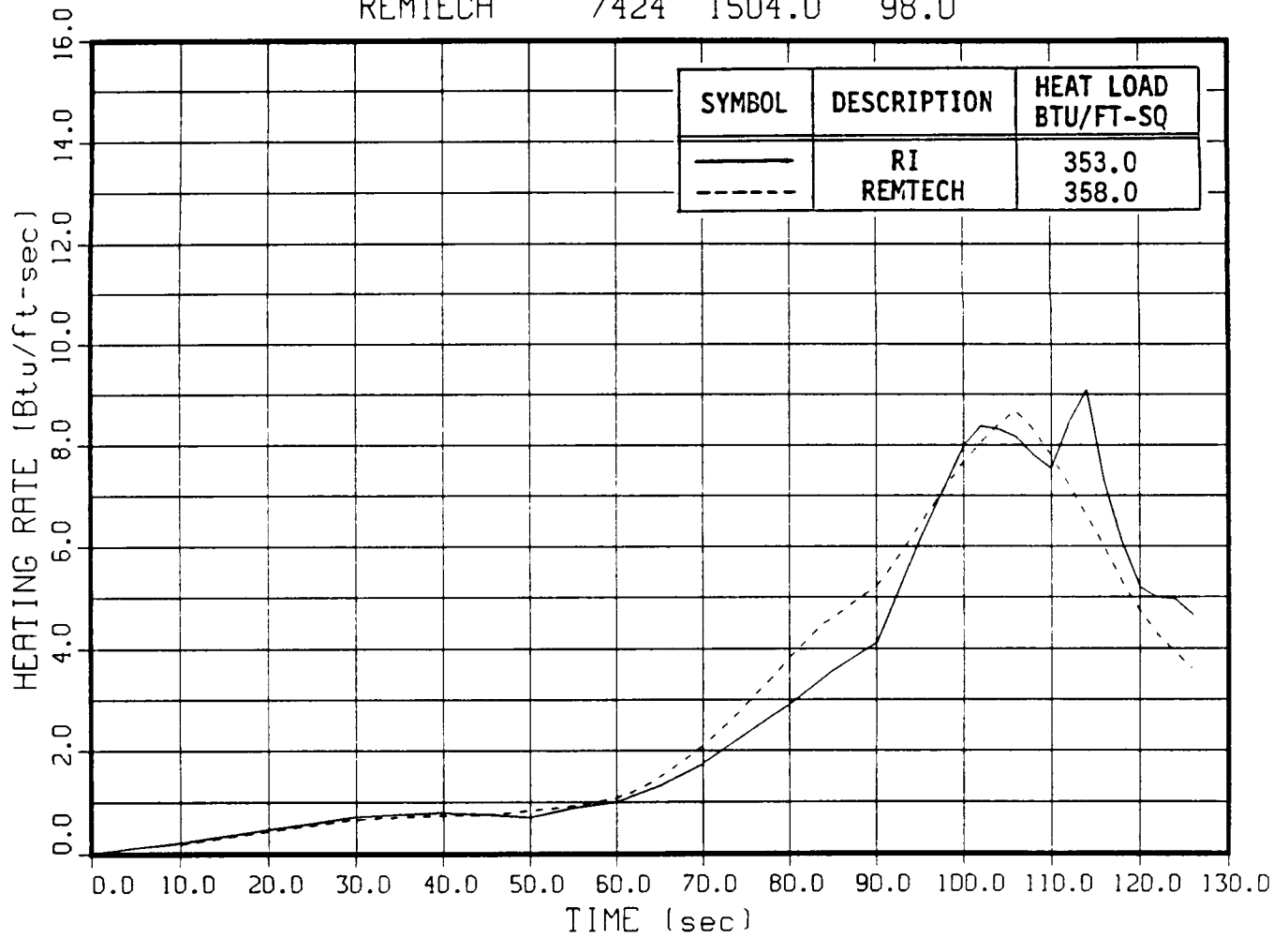


ZONE 5 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 187414 1503.4 0.0
 REMTECH 7414 1504.0 0.0

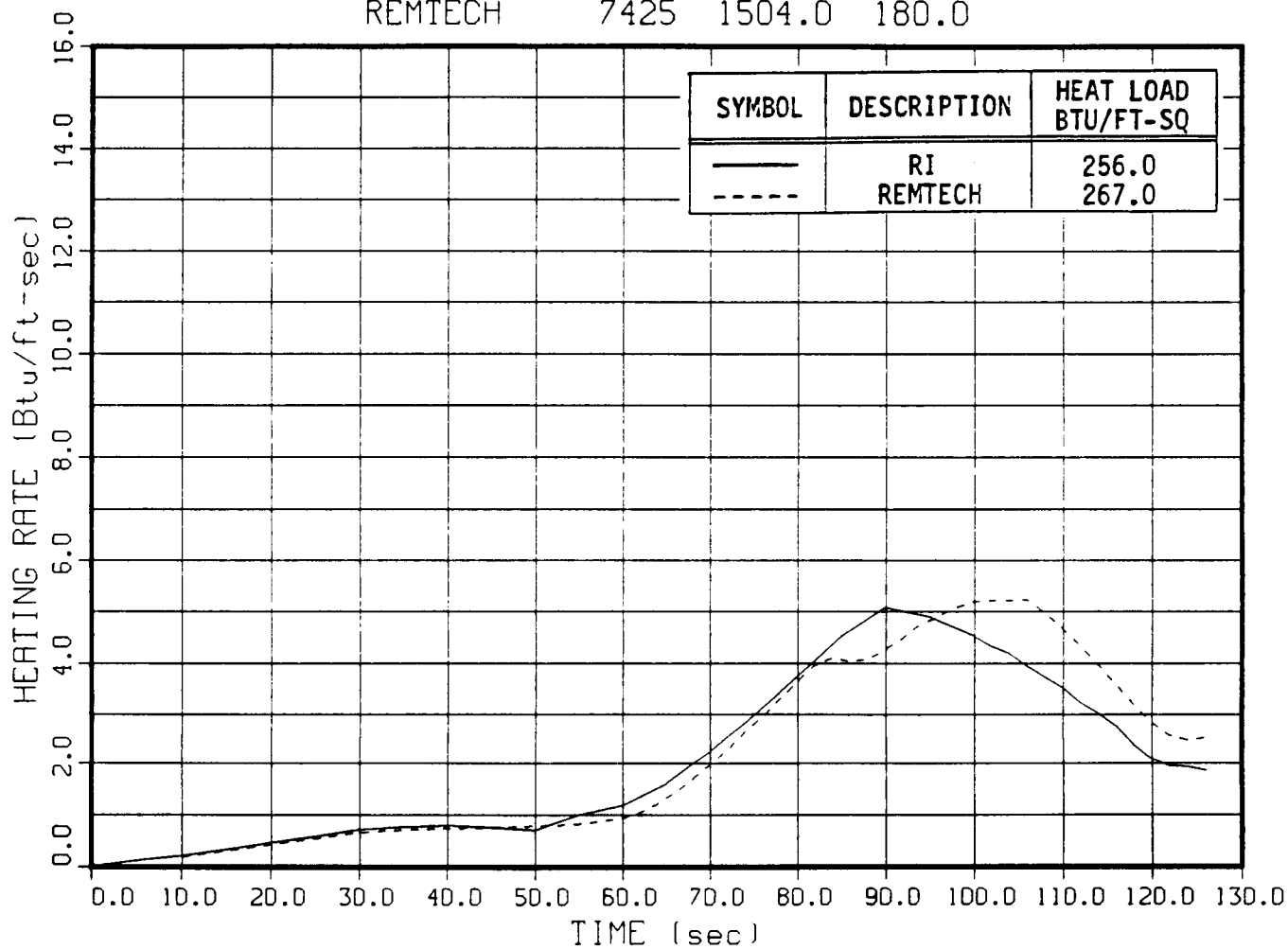


ZONE 5 - MOTOR CASING

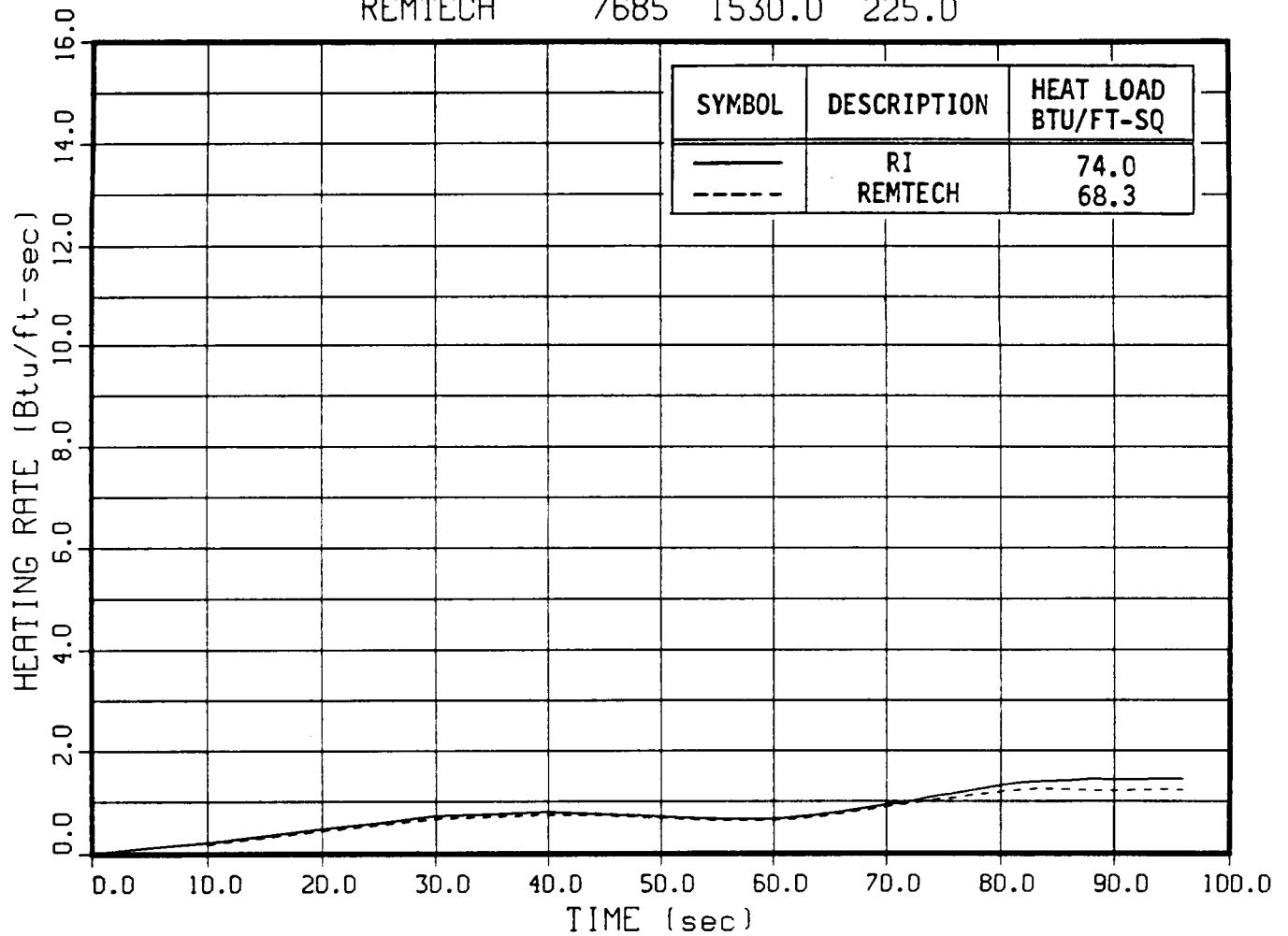
SOURCE	B P #	X _B	θ _B
ROCKWELL	187424	1505.1	98.0
REMTECH	7424	1504.0	98.0



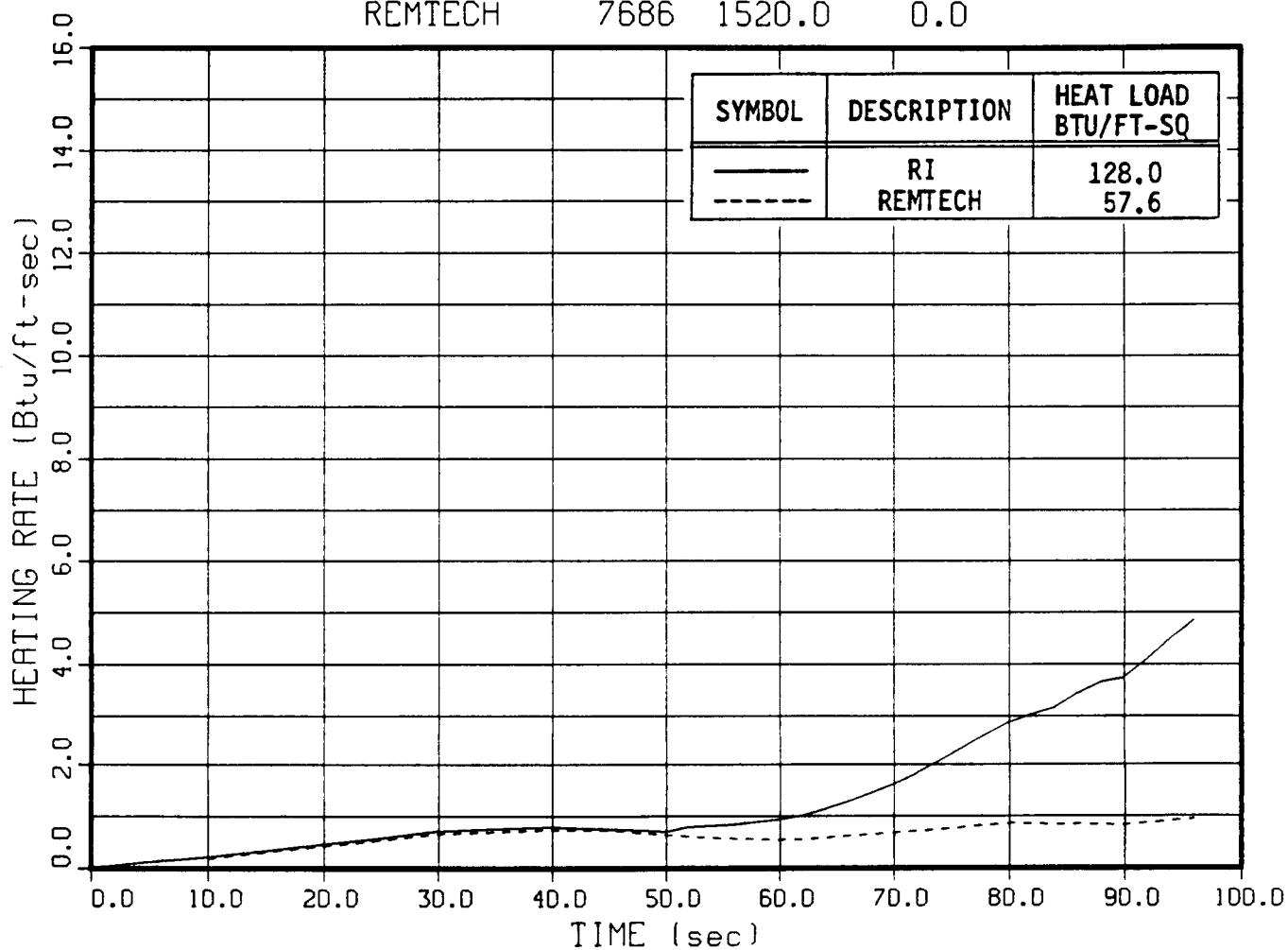
ZONE 5 - MOTOR CASING
 SOURCE B P # X_B θ_B
 ROCKWELL 187425 1505.1 180.0
 REMTECH 7425 1504.0 180.0



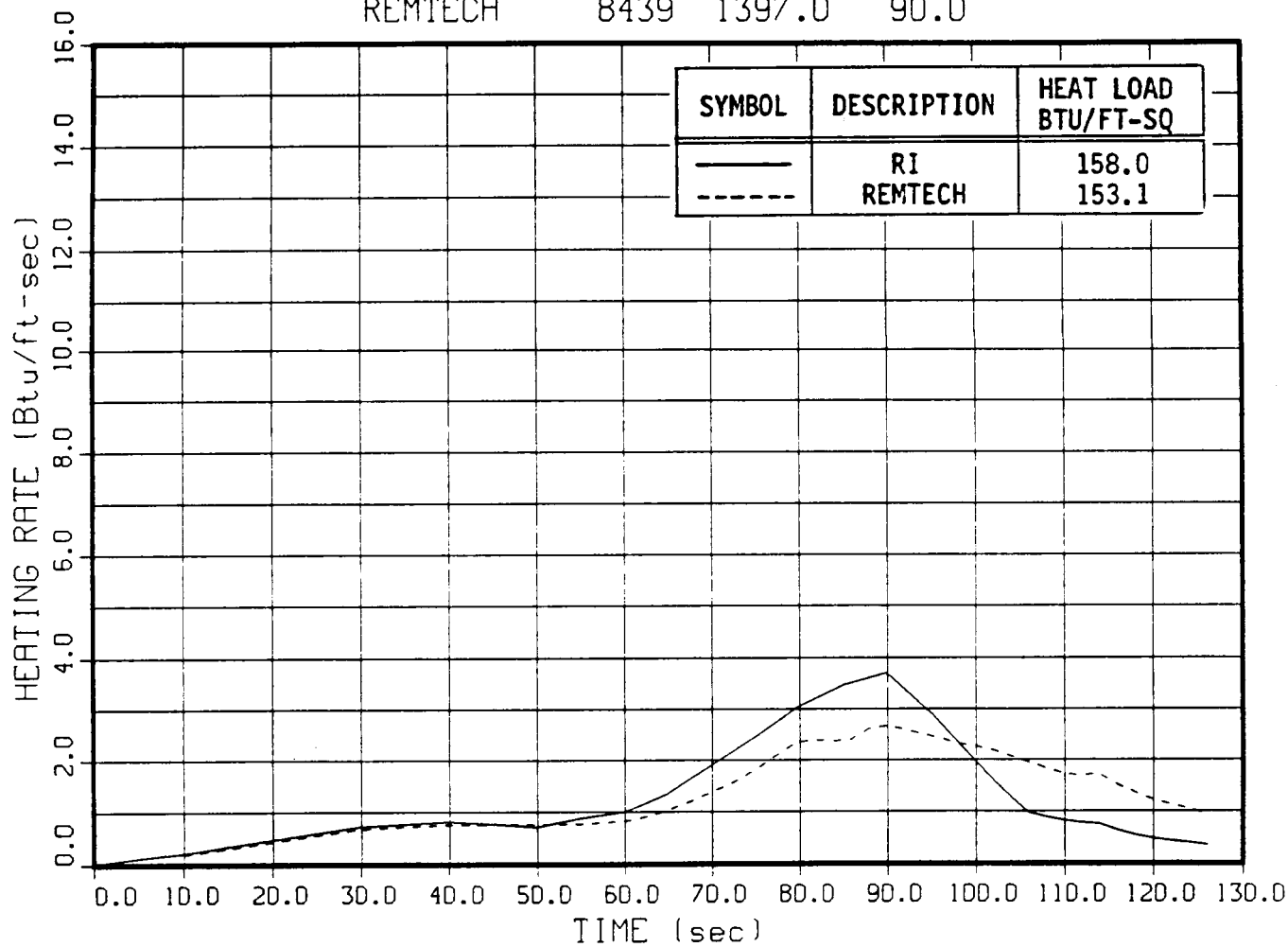
ZONE 5 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 1776 1532.0 225.0
 REMTECH 7685 1530.0 225.0



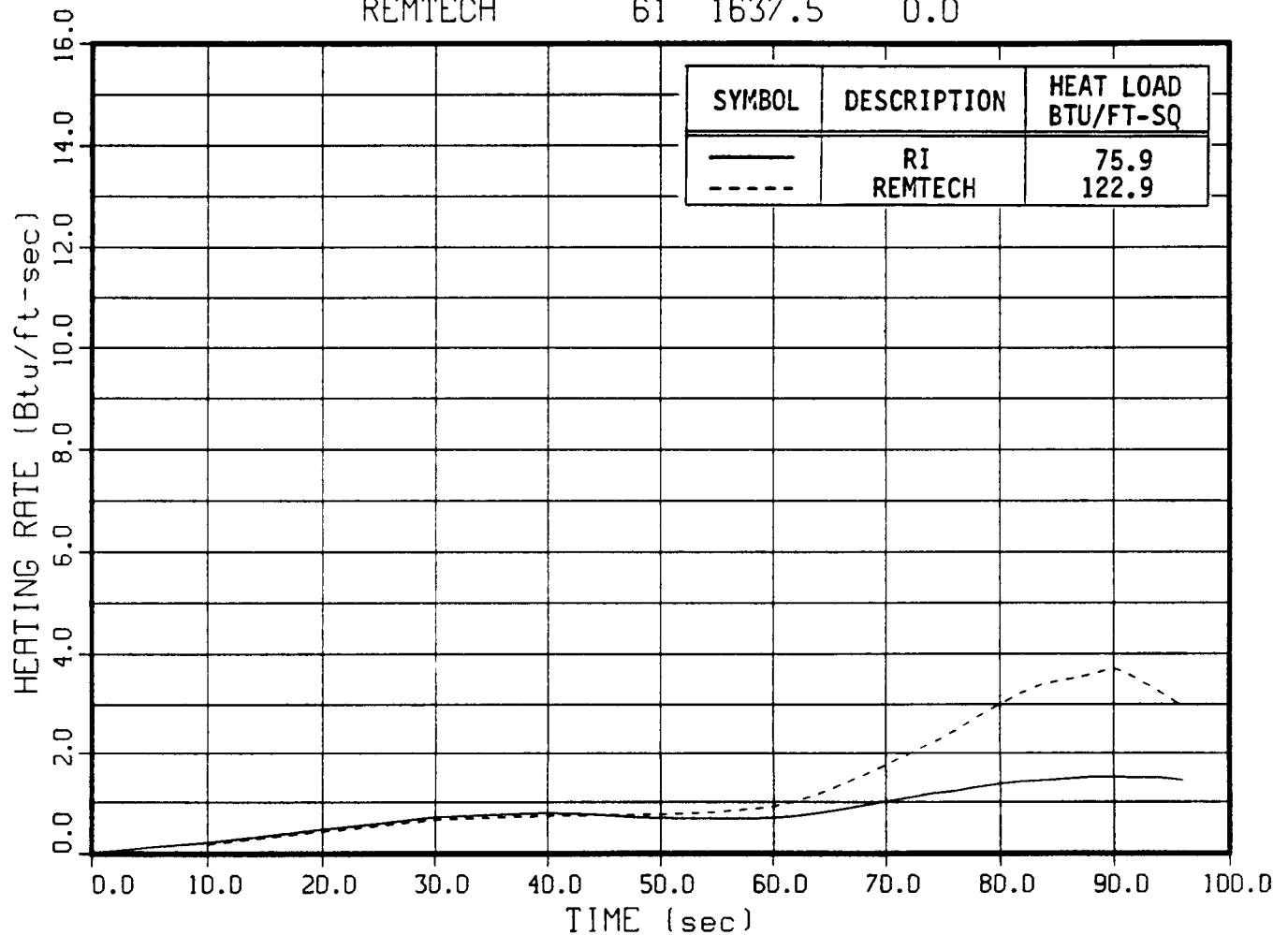
ZONE 5 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 9001 1519.0 0.0
 REMTECH 7686 1520.0 0.0



ZONE 5 - MOTOR CASING
 SOURCE B P # X_B θ_B
 ROCKWELL 188439 1397.1 90.0
 REMTECH 8439 1397.0 90.0



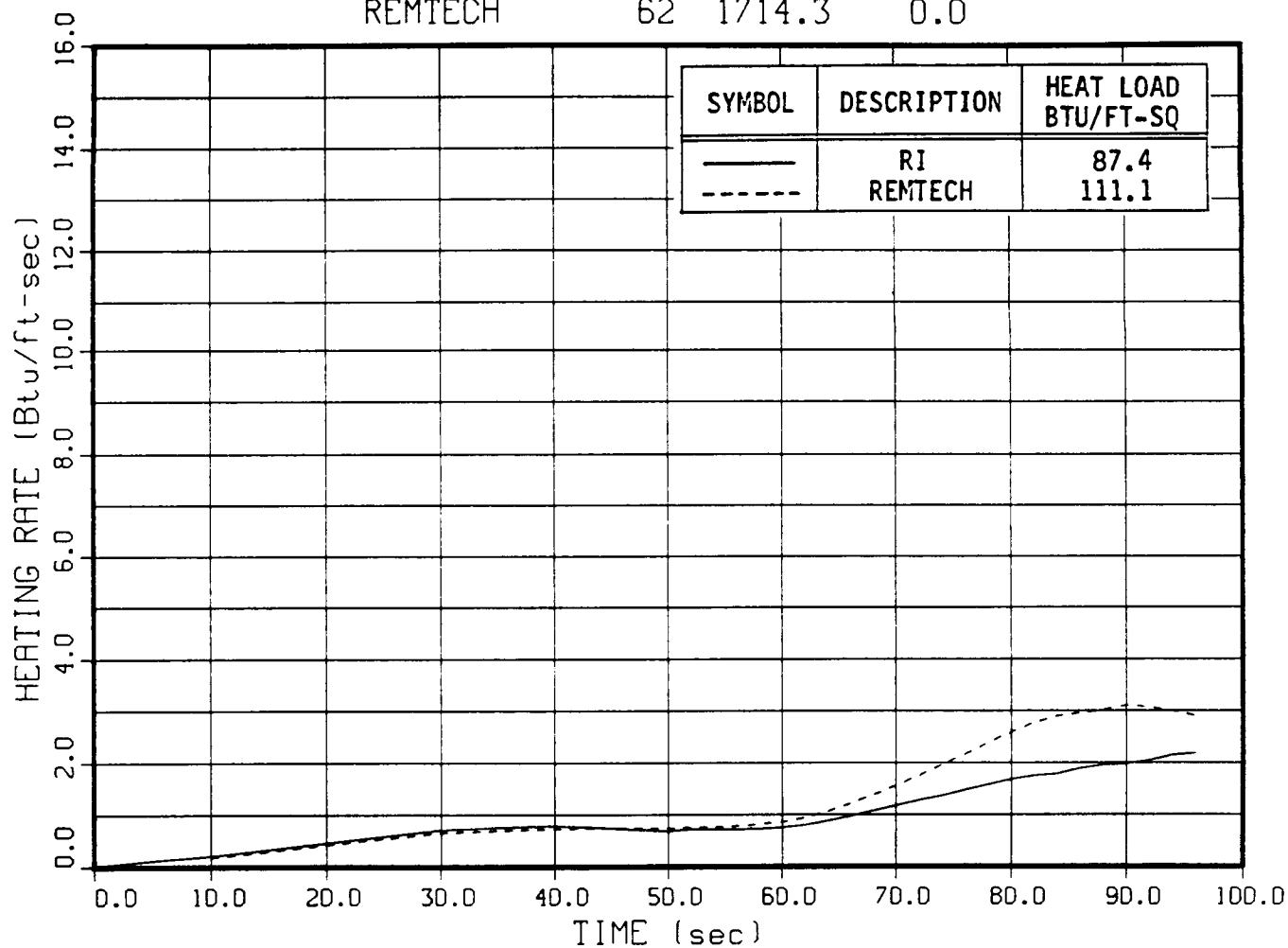
ZONE 6 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 1830 1638.0 0.0
 REMTECH 61 1637.5 0.0



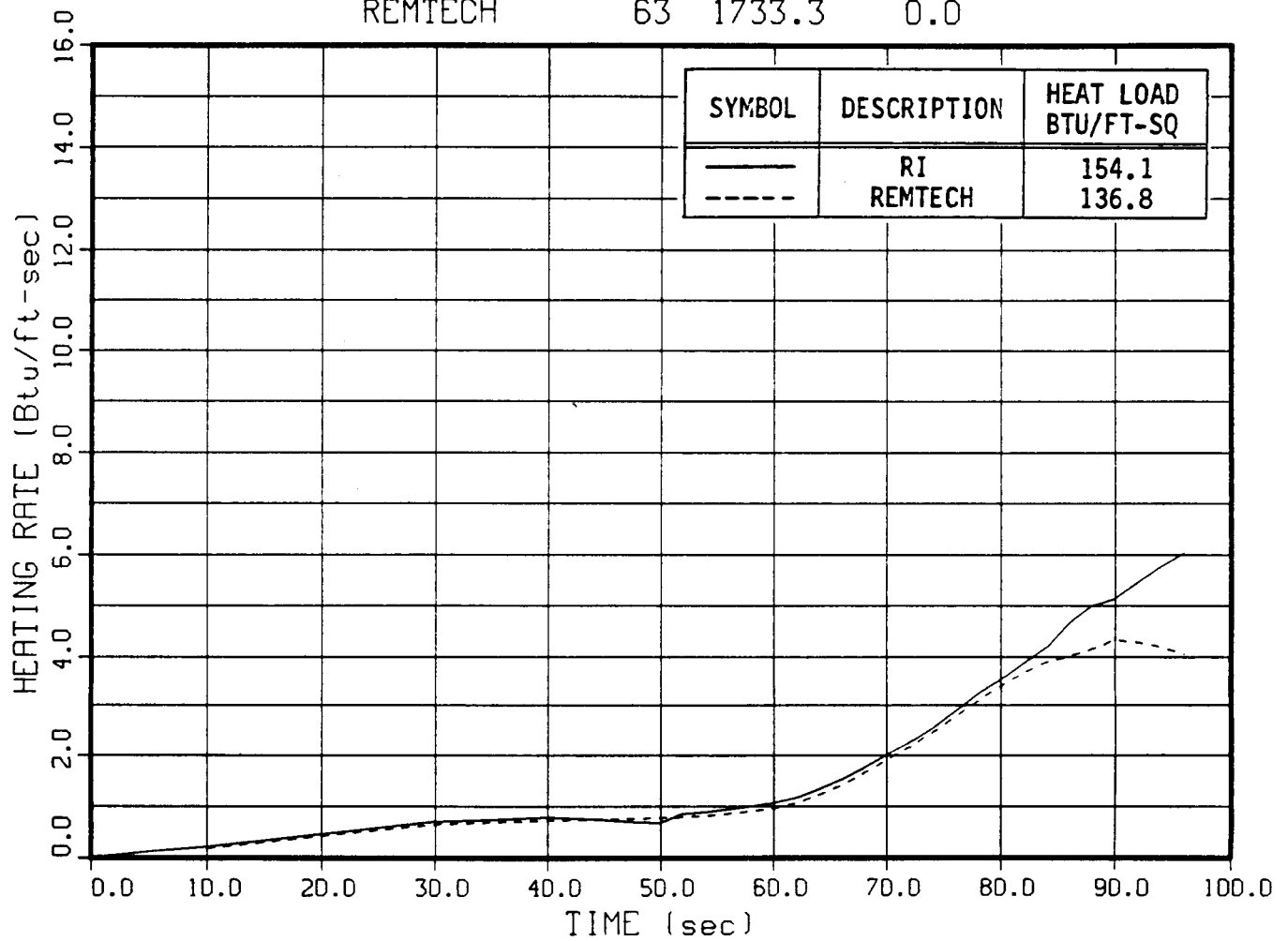
Comment

- Agreement acceptable - Design driver is plume and reentry heating

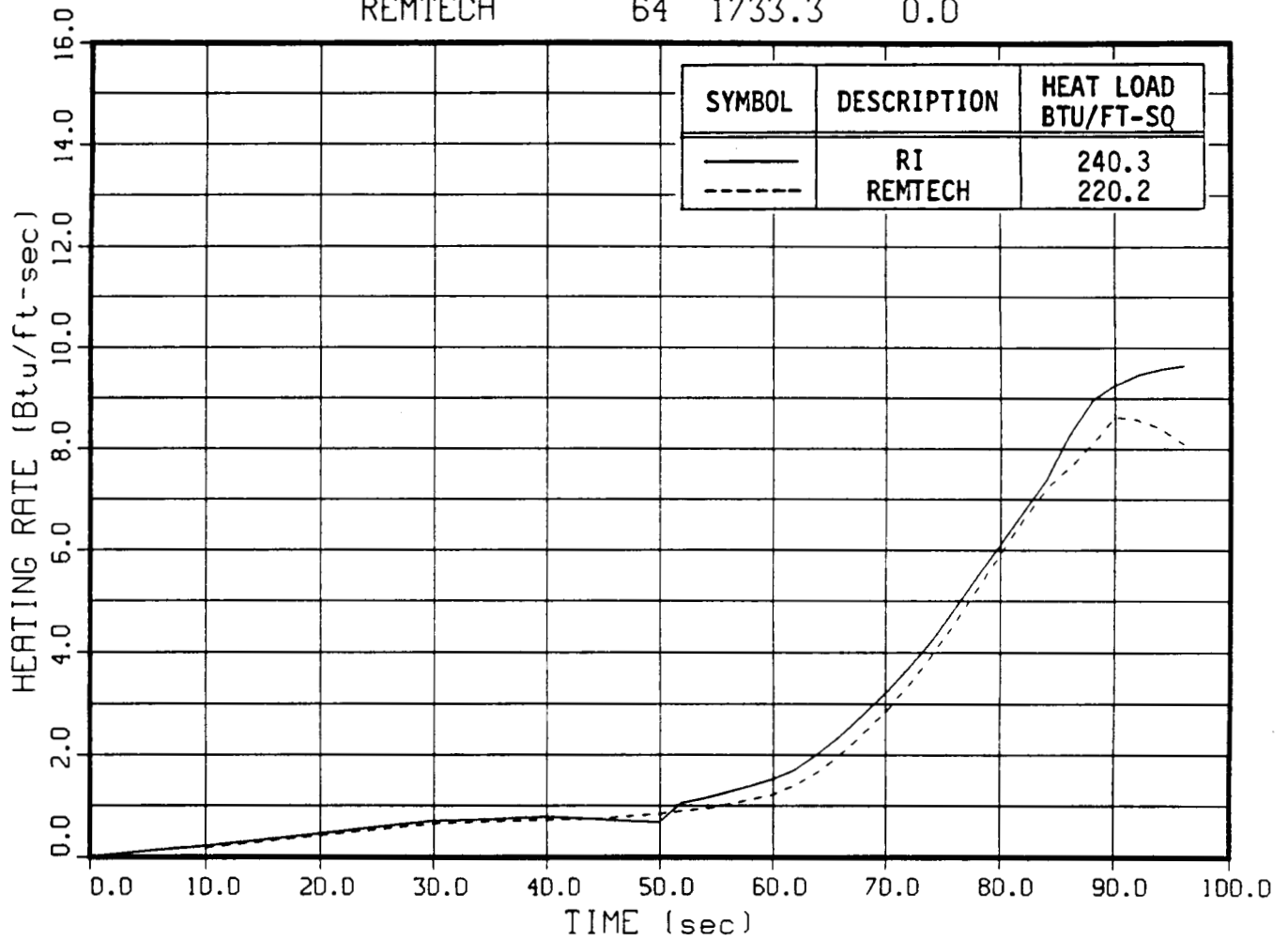
ZONE 6 - MOTOR CASING
 SOURCE B P # X_B 8_B
 ROCKWELL 1860 1694.0 0.0
 REMTECH 62 1714.3 0.0



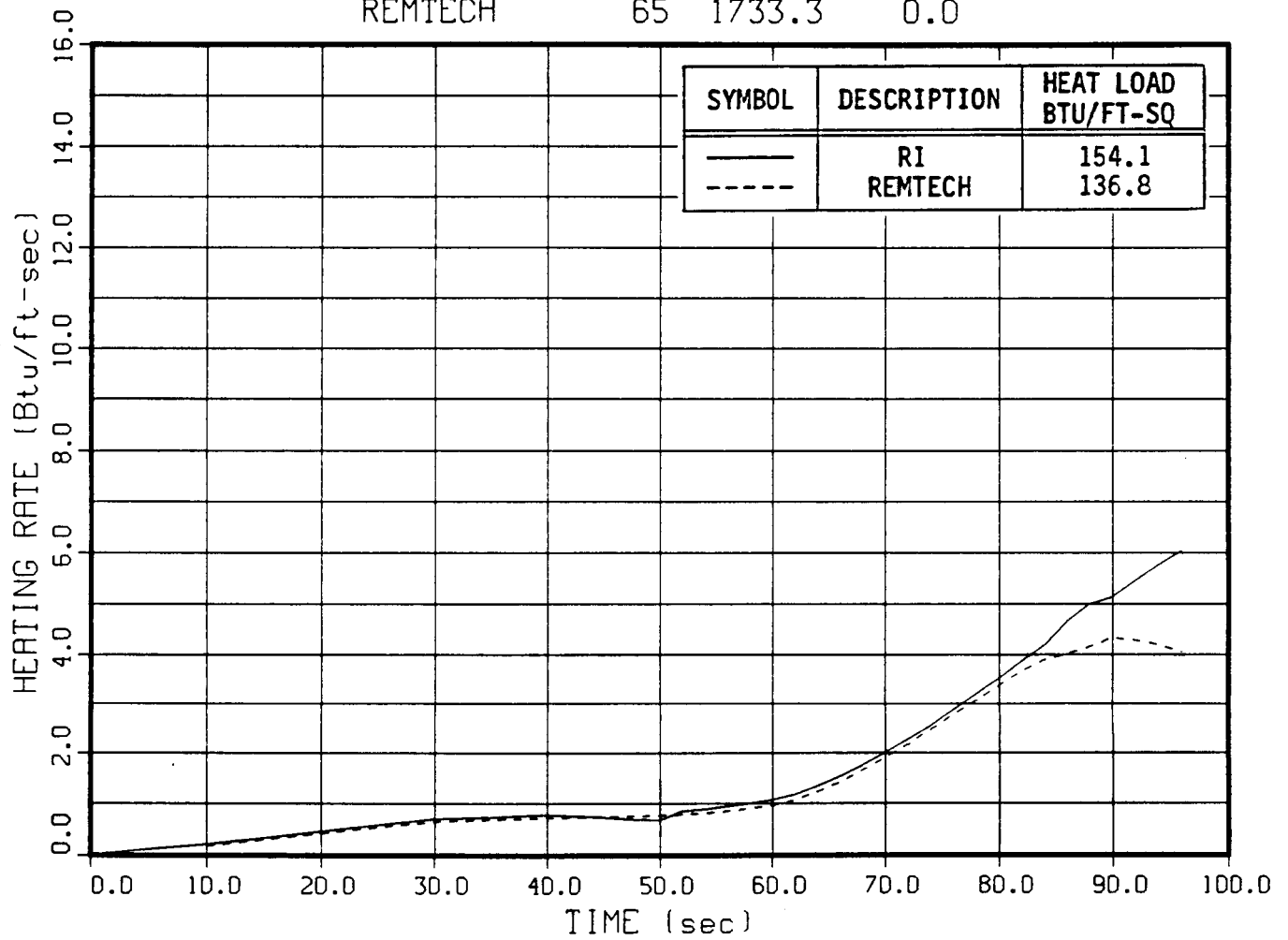
ZONE 6 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 6302 1734.0 0.0
 REMTECH 63 1733.3 0.0



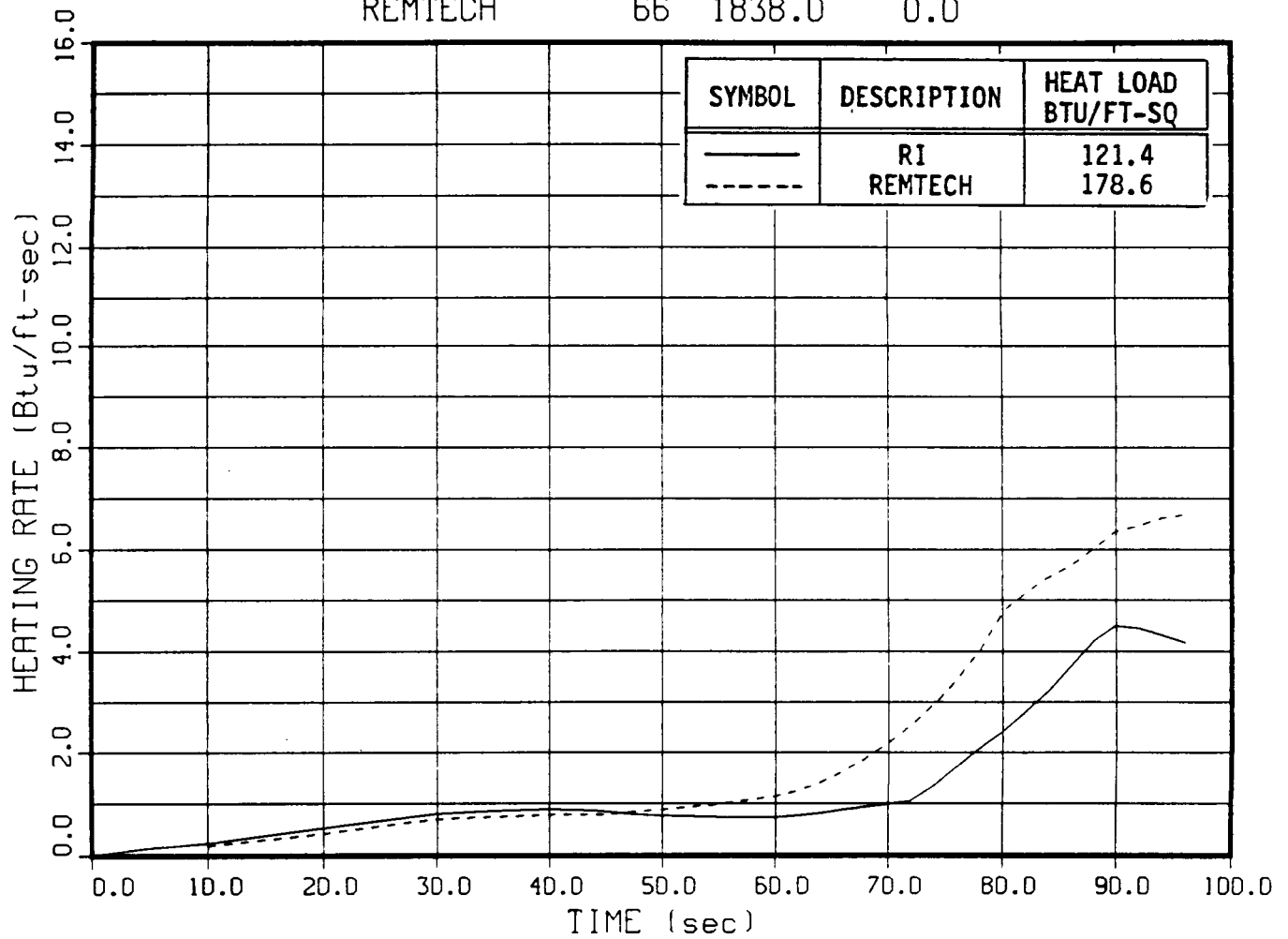
ZONE 6 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 6301 1732.0 0.0
 REMTECH 64 1733.3 0.0



ZONE 6 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 6305 1734.0 0.0
 REMTECH 65 1733.3 0.0



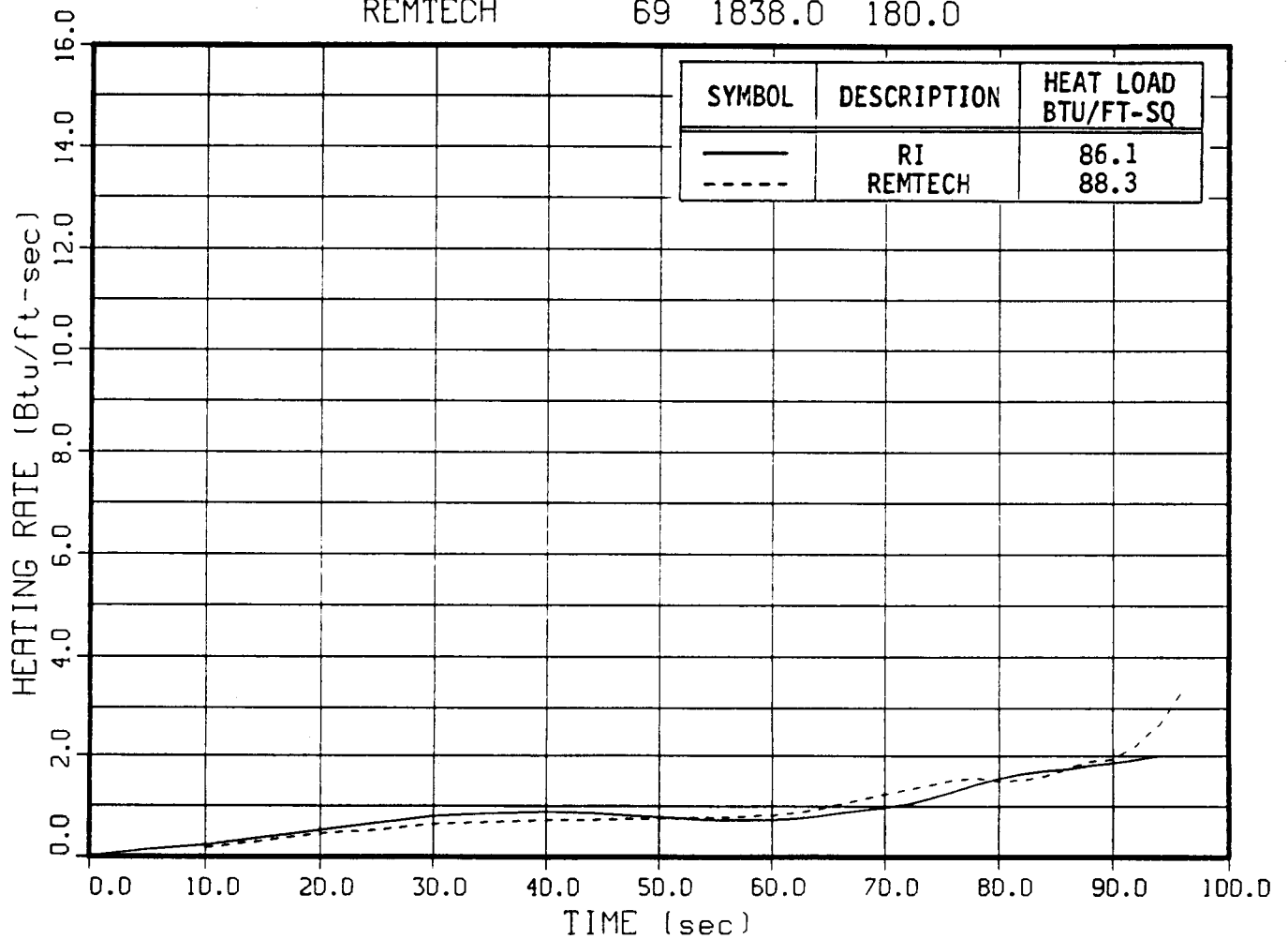
ZONE 6 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 6502 1838.0 0.0
 REMTECH 66 1838.0 0.0



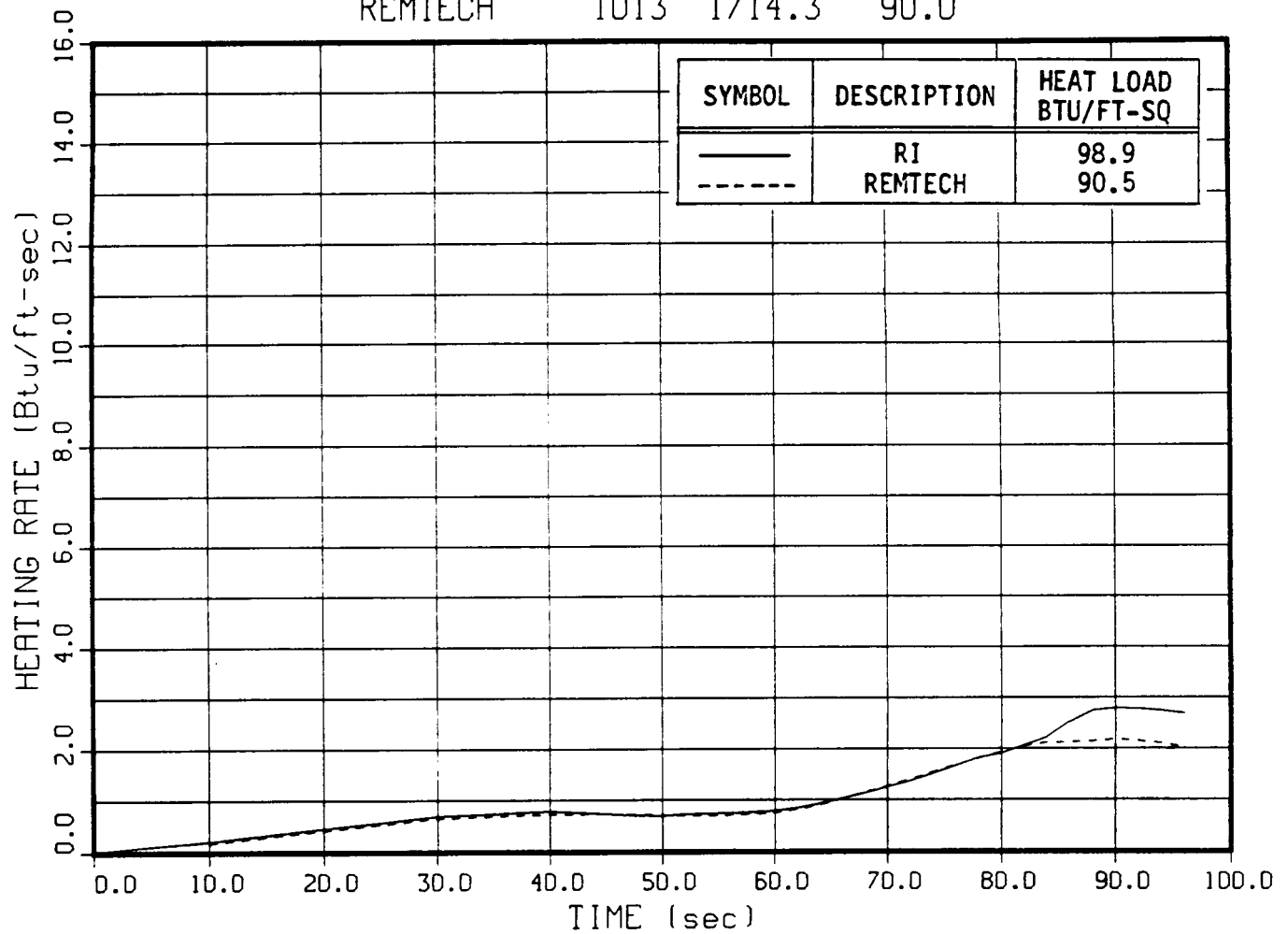
Comment

- Agreement acceptable - Design driver is plume and reentry heating

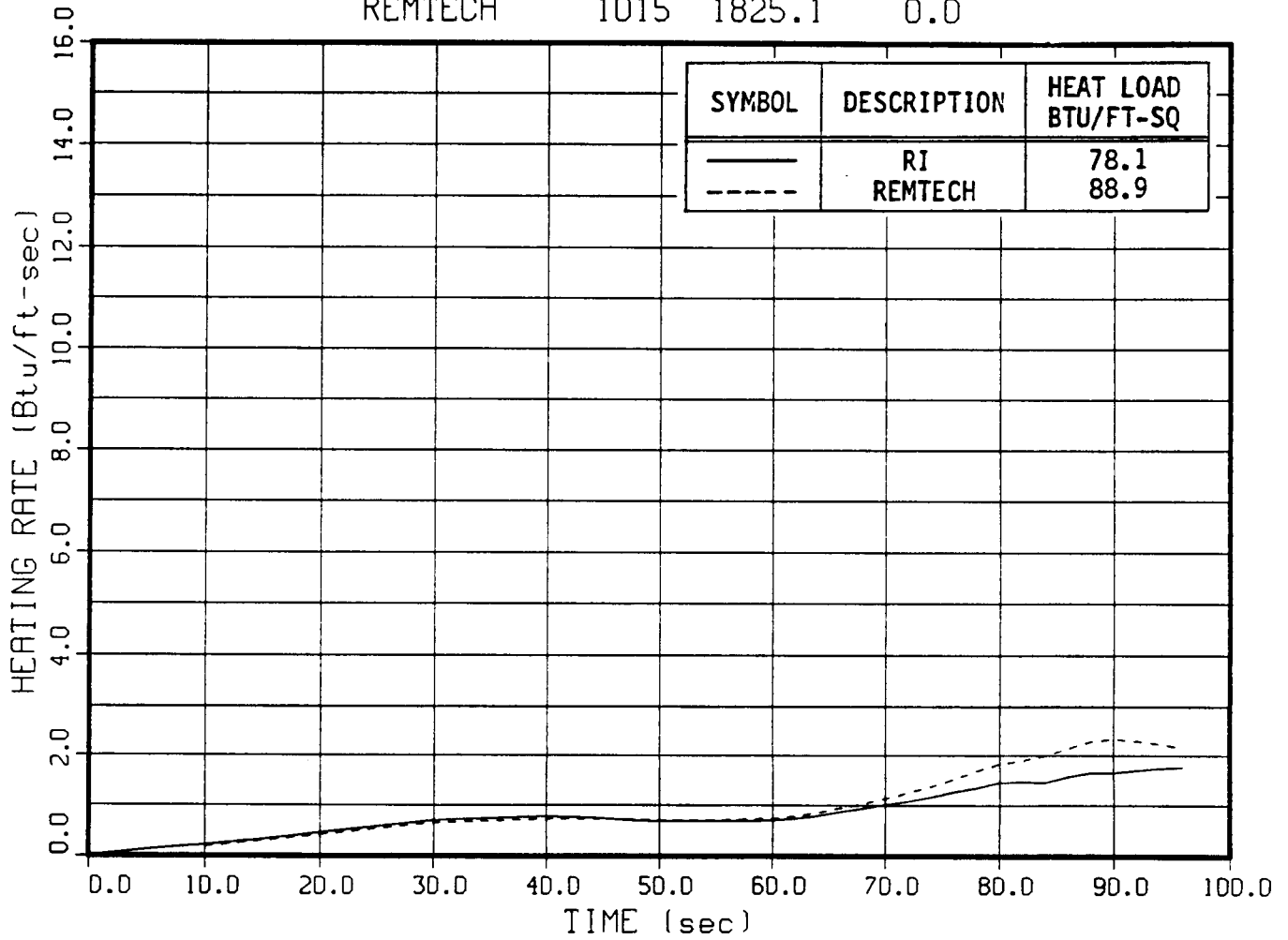
ZONE 6 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 6552 1838.0 180.0
 REMTECH 69 1838.0 180.0



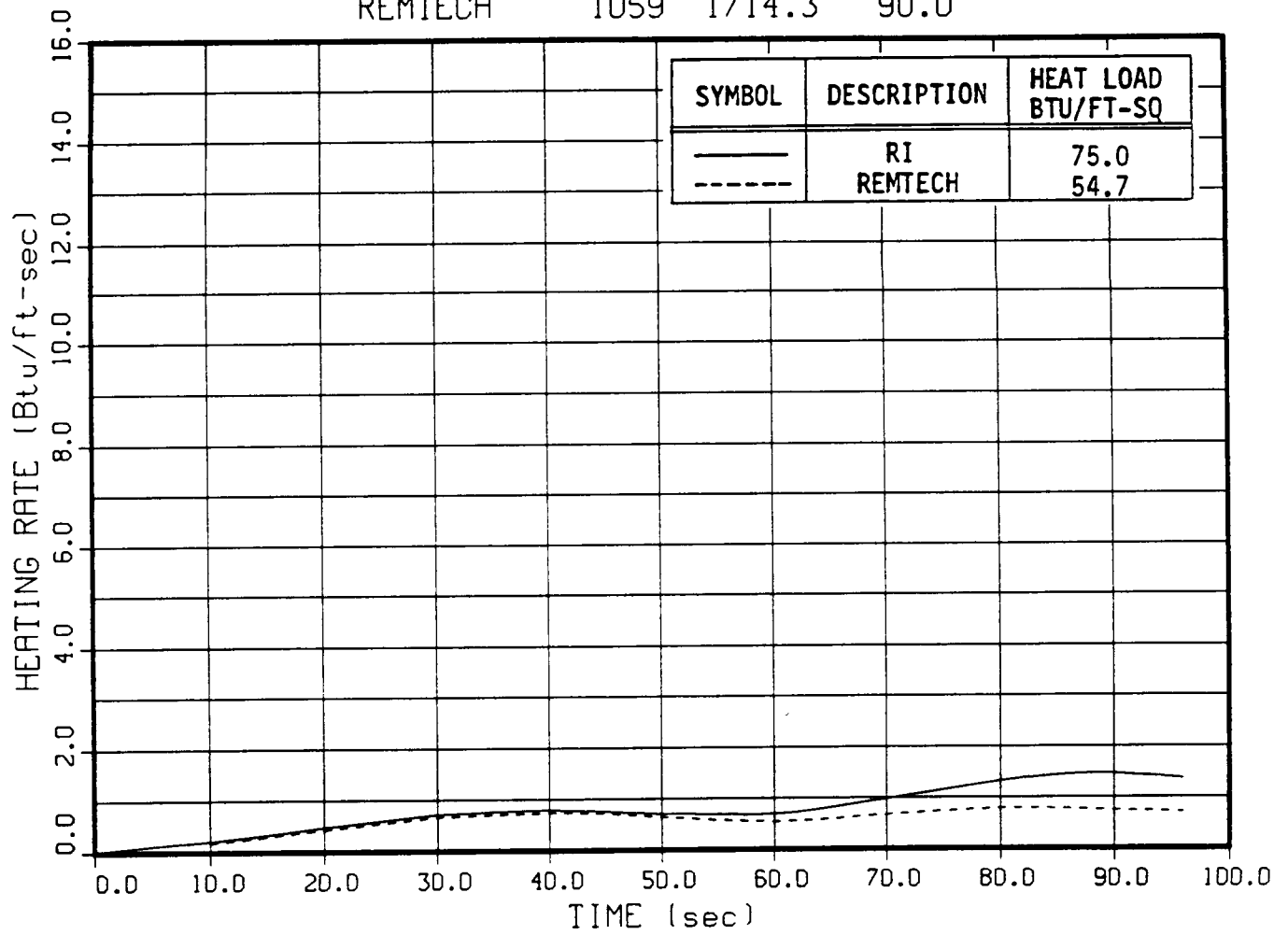
ZONE 6 - MOTOR CASING
 SOURCE B P # X_B θ_B
 ROCKWELL 1900 1758.0 0.0
 REMTECH 1013 1714.3 90.0



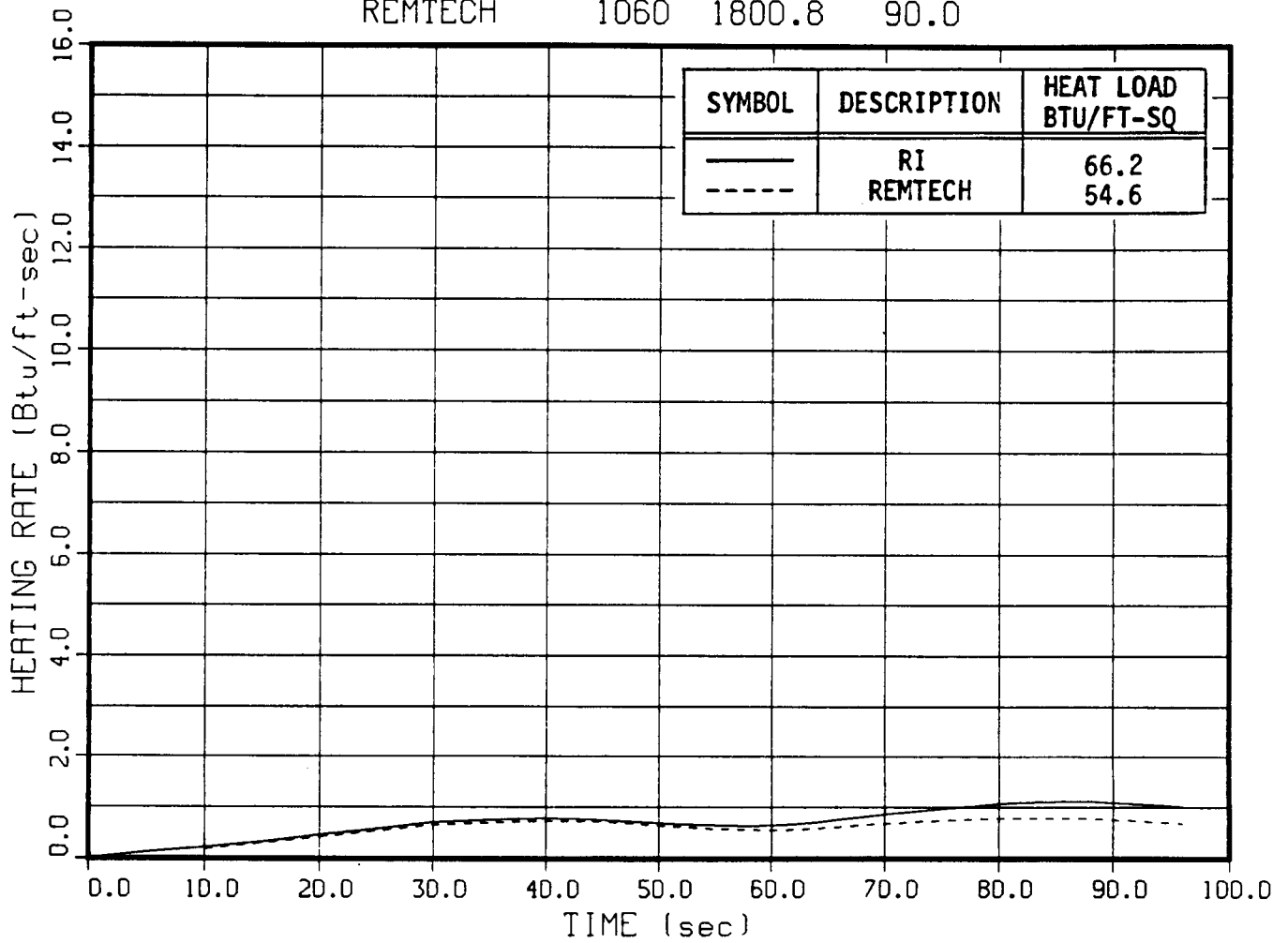
ZONE 6 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 1930 1808.0 0.0
 REMTECH 1015 1825.1 0.0



ZONE 6 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 1833 1633.0 90.0
 REMTECH 1059 1714.3 90.0

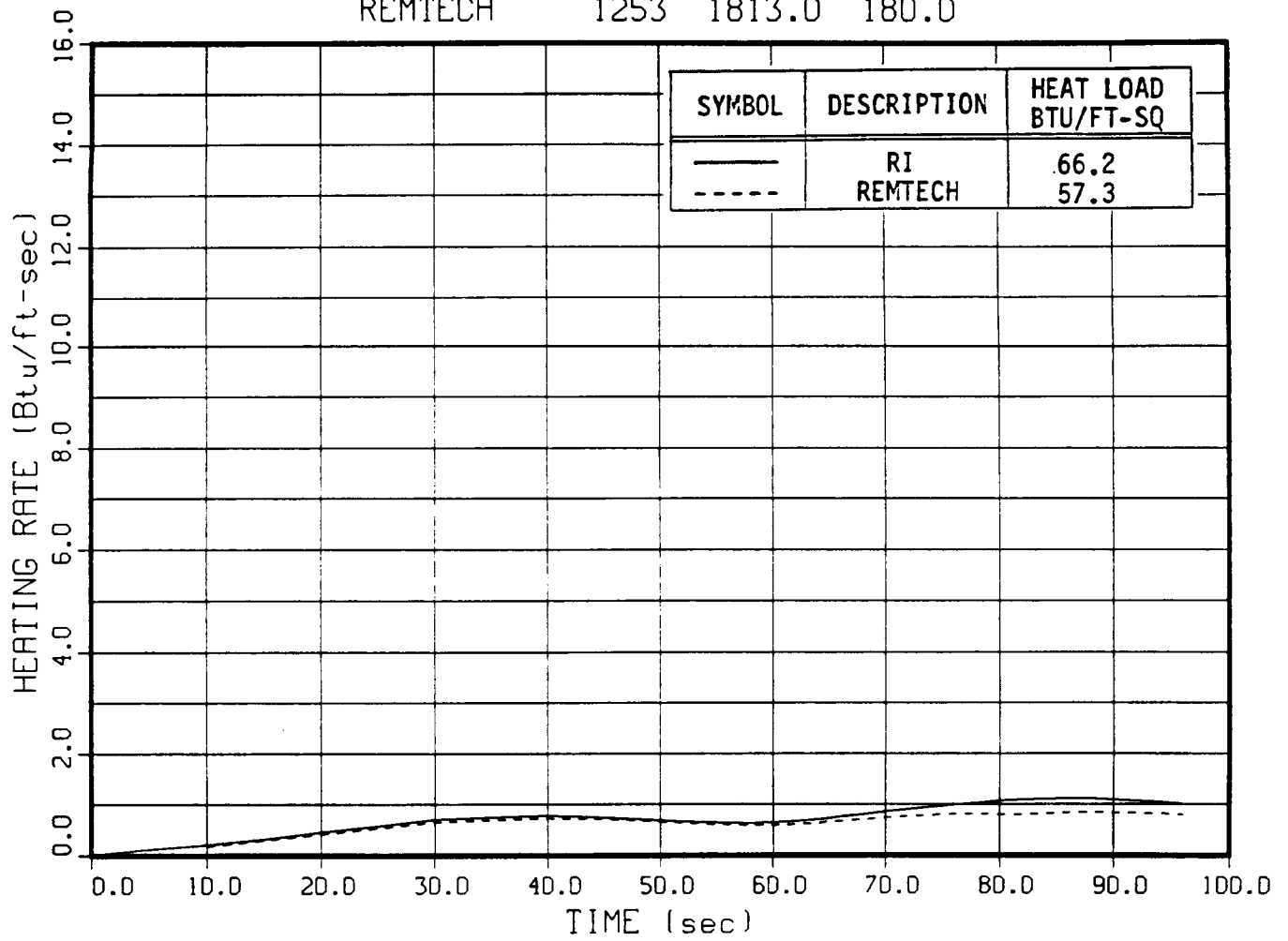


ZONE 6 - MOTOR CASING
 SOURCE B P # X_B θ_B
 ROCKWELL 1933 1818.0 90.0
 REMTECH 1060 1800.8 90.0

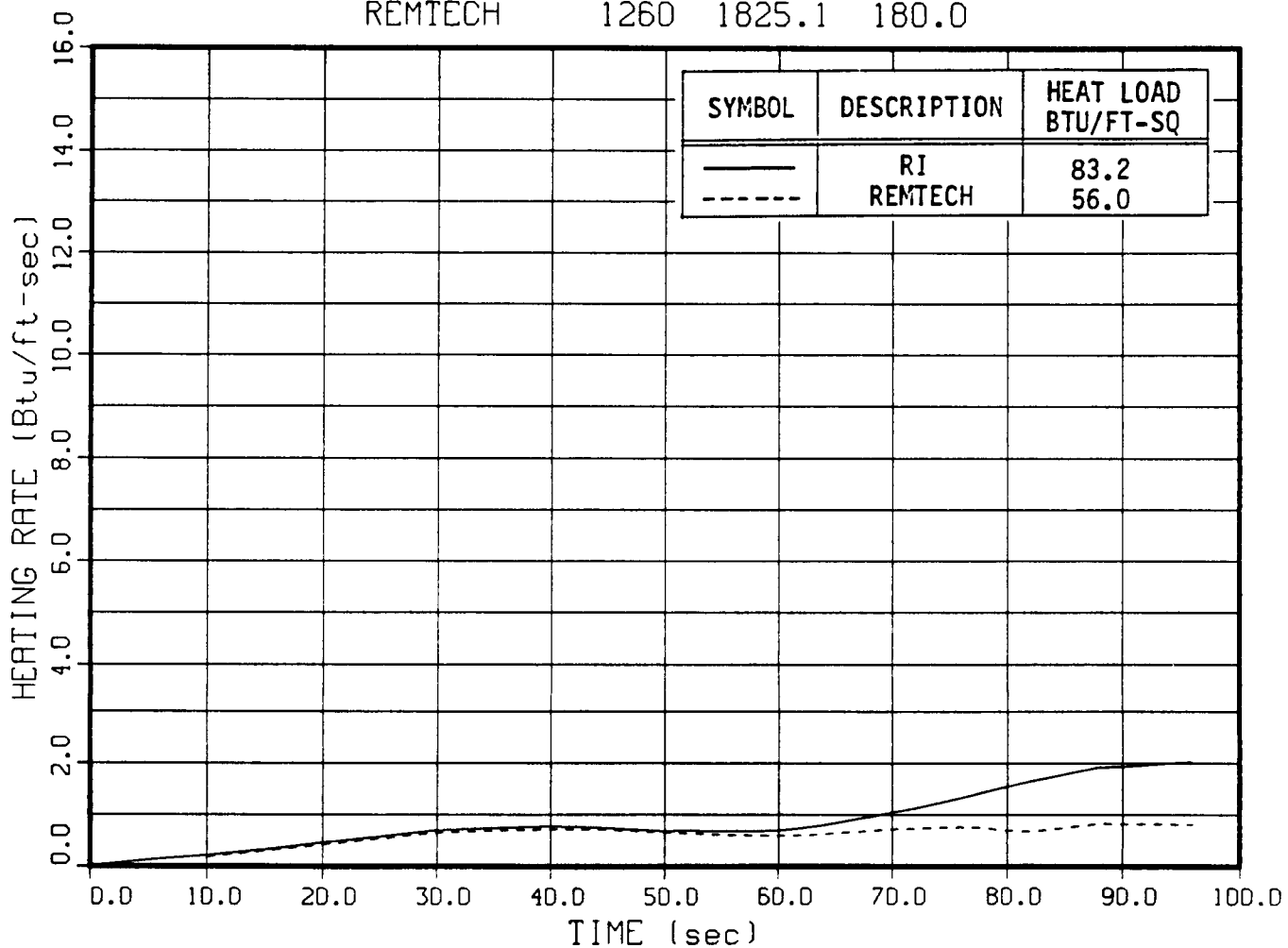


ZONE 6 - MOTOR CASING

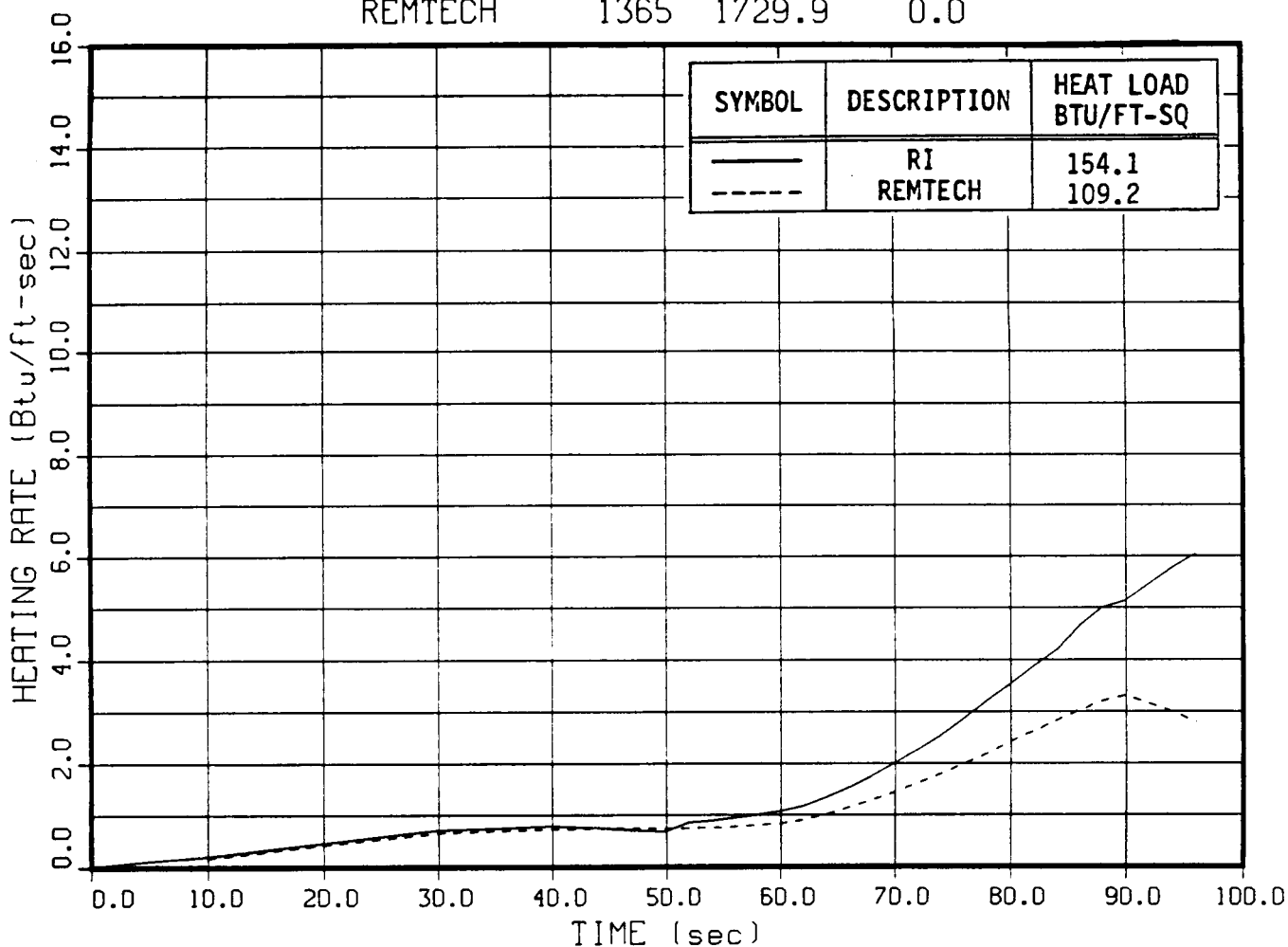
SOURCE	B P #	X	θ
ROCKWELL	1935	1818.0	180.0
REMTECH	1253	1813.0	180.0



ZONE 6 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 1955 1837.0 180.0
 REMTECH 1260 1825.1 180.0



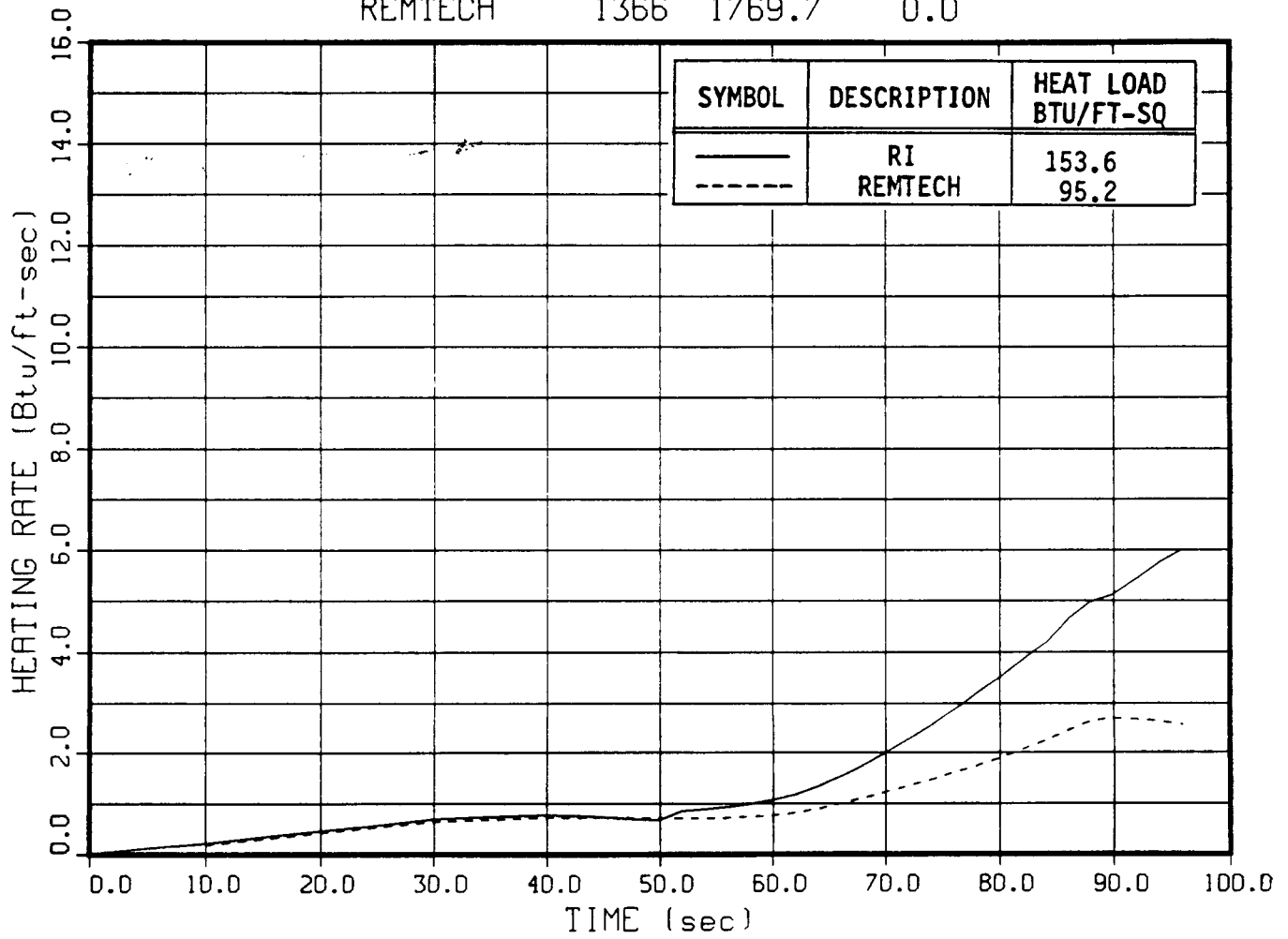
ZONE 6 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 6302 1734.0 0.0
 REMTECH 1365 1729.9 0.0



Comment

- Agreement acceptable

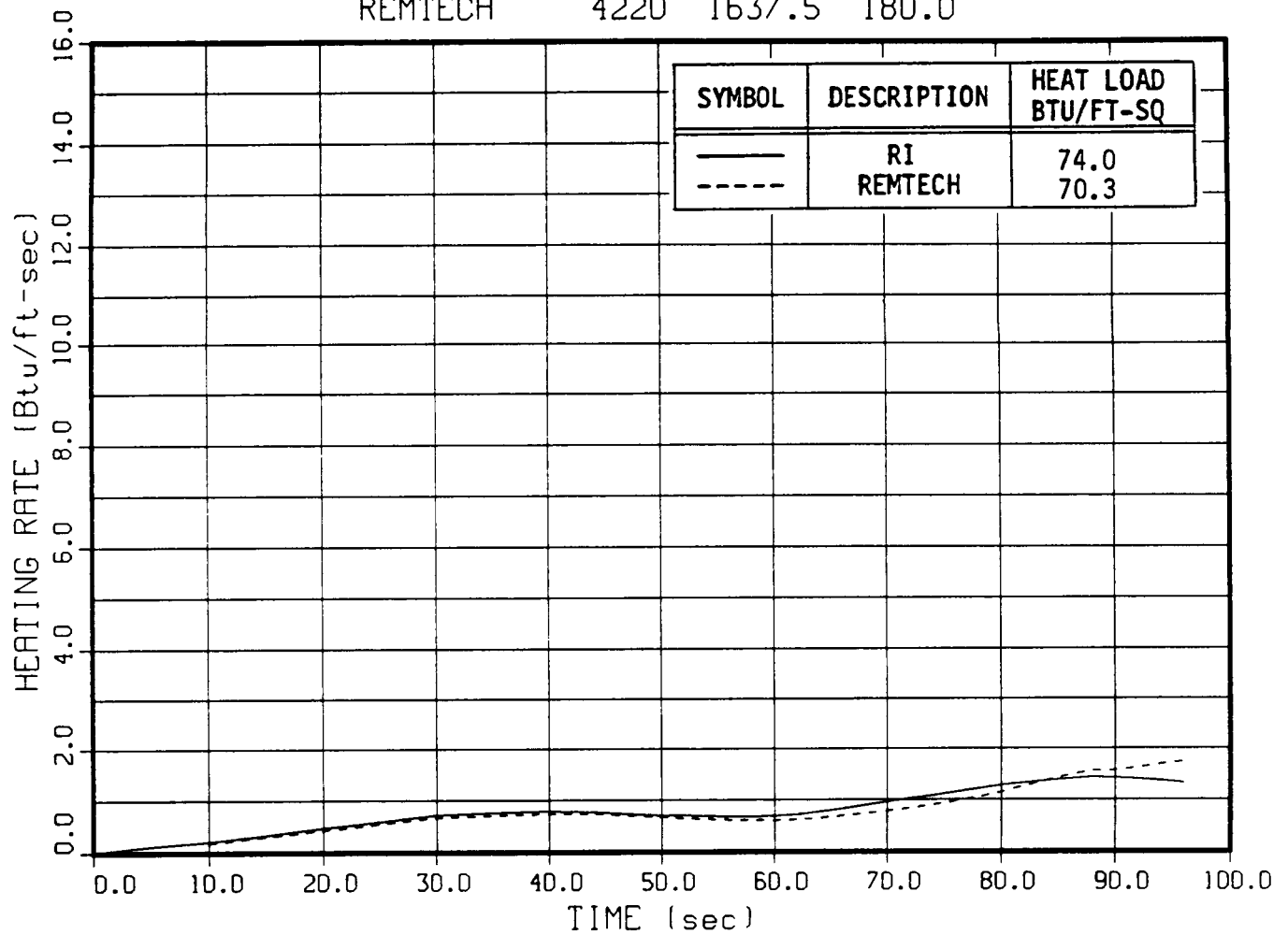
ZONE 6 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 6402 1778.0 0.0
 REMTECH 1366 1769.7 0.0



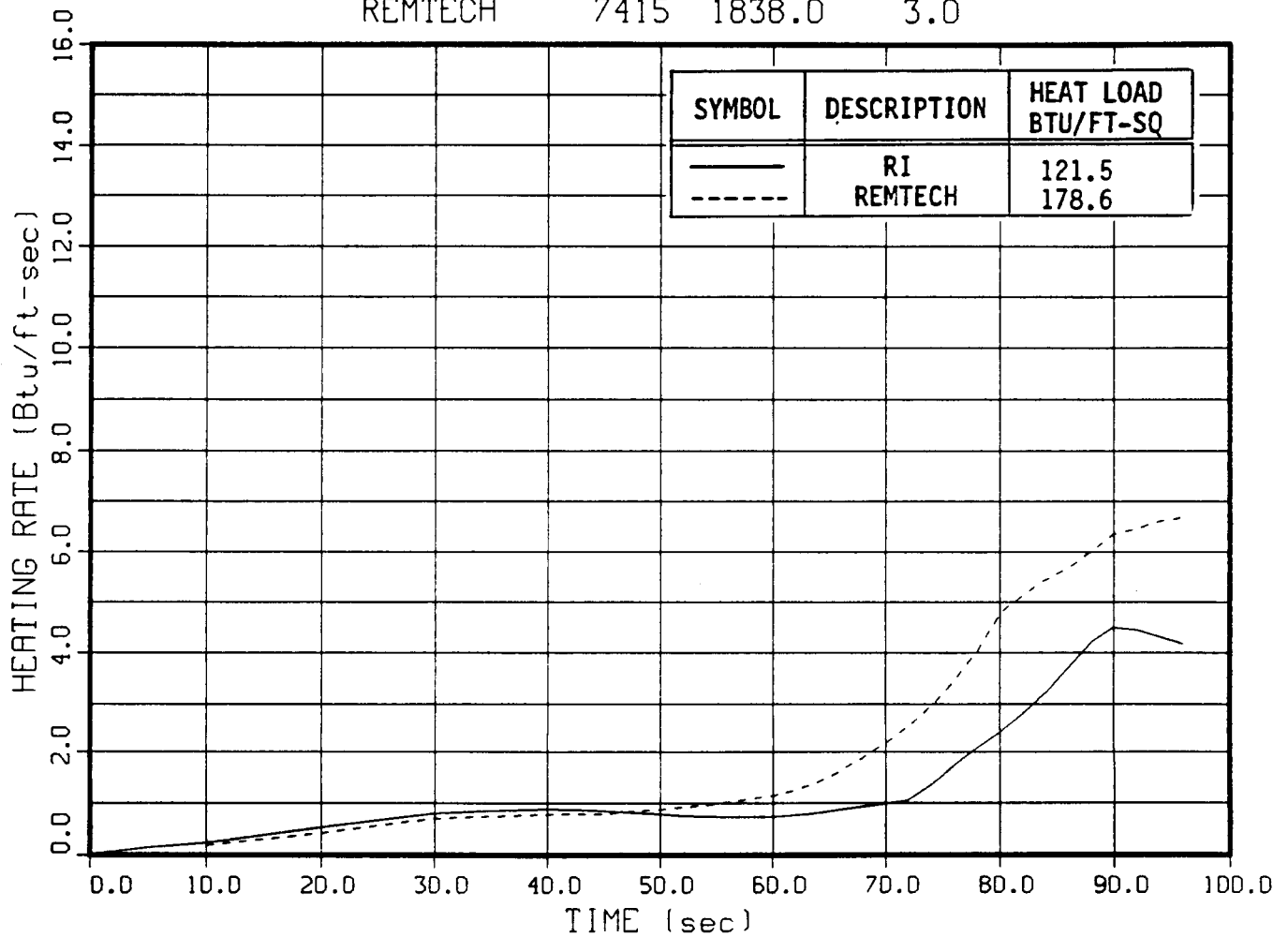
Comment

- Agreement acceptable

ZONE 6 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 1835 1633.0 180.0
 REMTECH 4220 1637.5 180.0



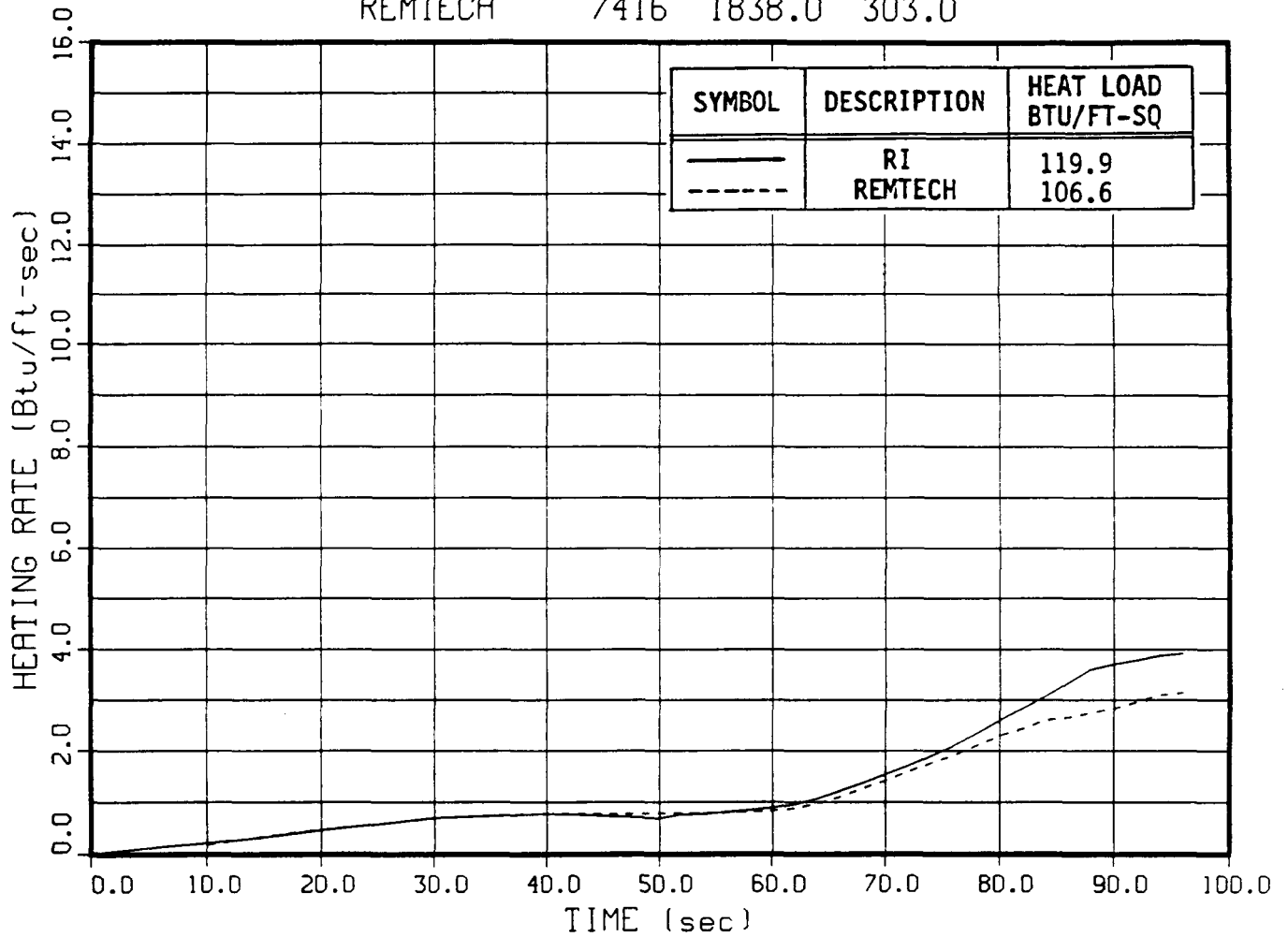
ZONE 6 - MOTOR CASING
 SOURCE B P # X_B θ_B
 ROCKWELL 6505 1839.9 0.0
 REMTECH 7415 1838.0 3.0



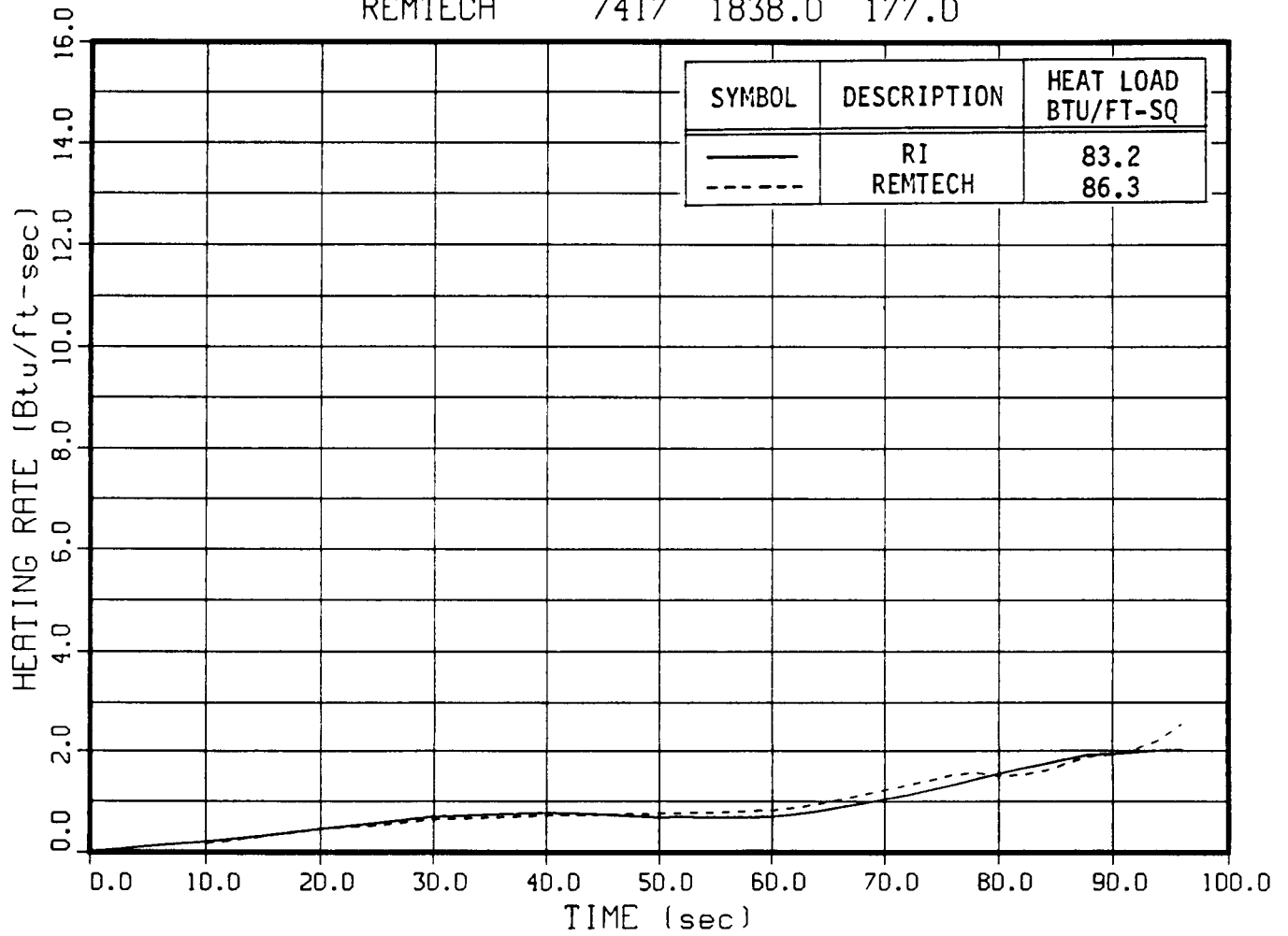
Comment

- Agreement acceptable - Design driver is plume and reentry heating

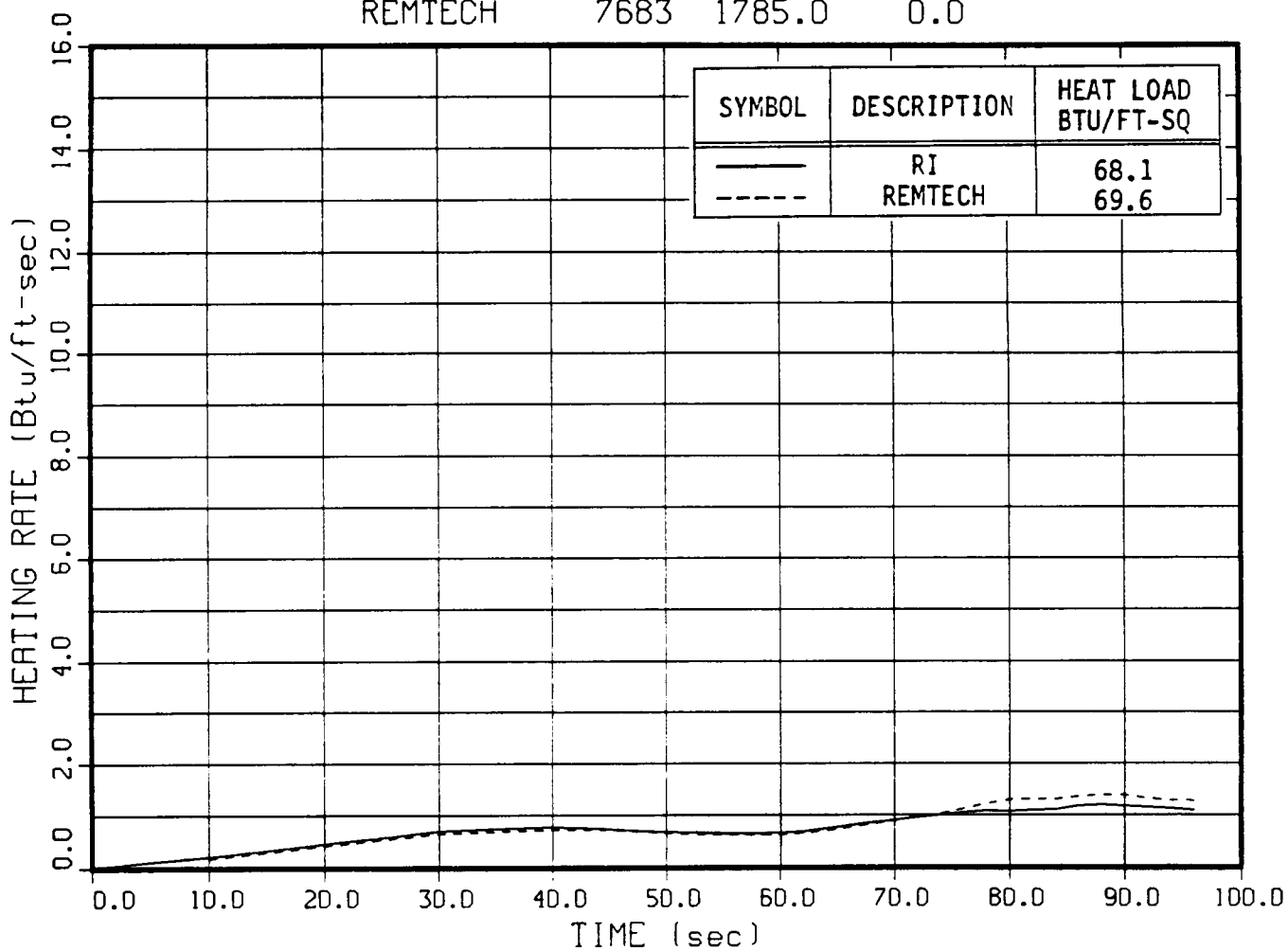
ZONE 6 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 3959 1837.0 271.0
 REMTECH 7416 1838.0 303.0



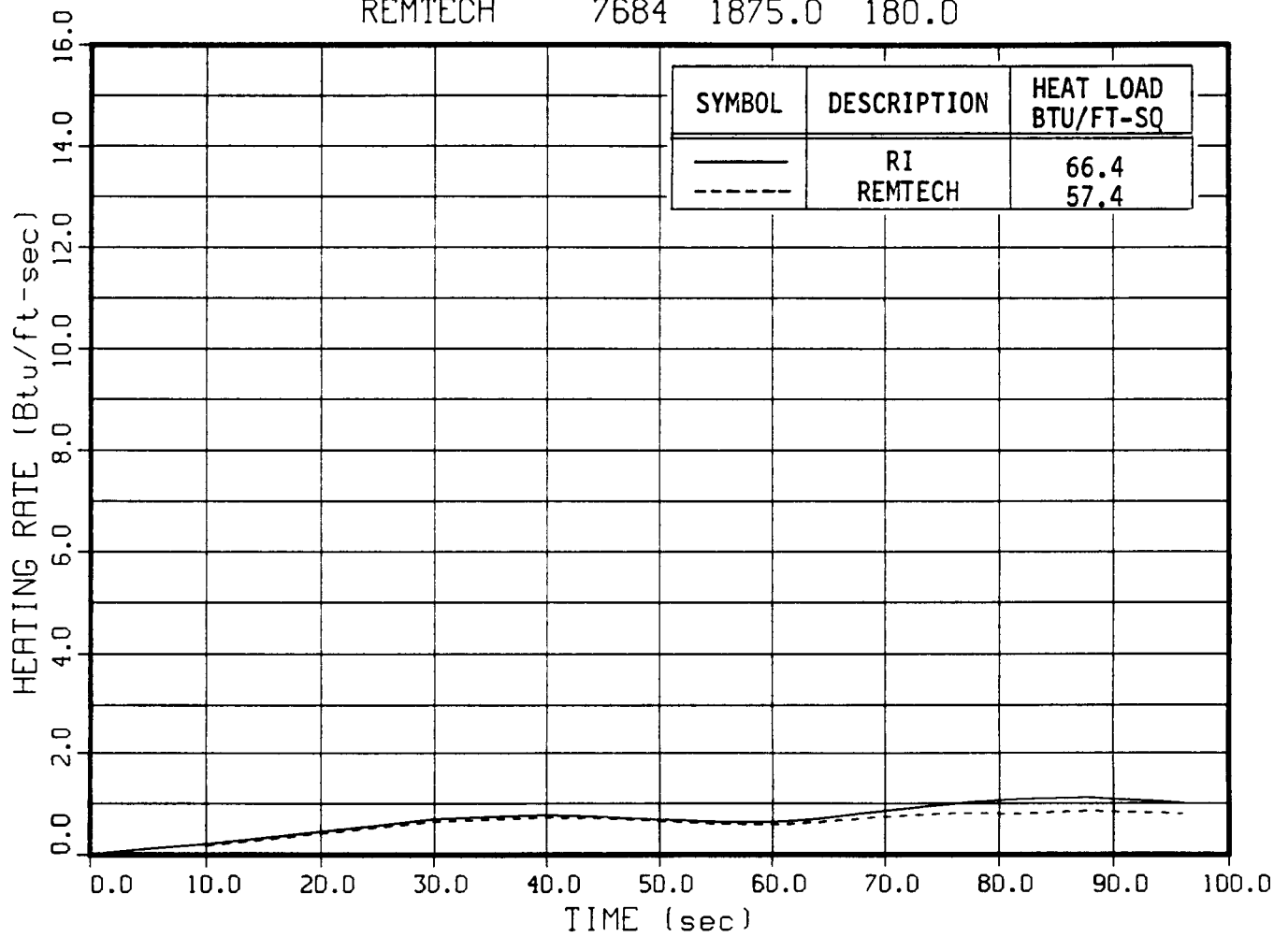
ZONE 6 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 1955 1837.0 180.0
 REMTECH 7417 1838.0 177.0



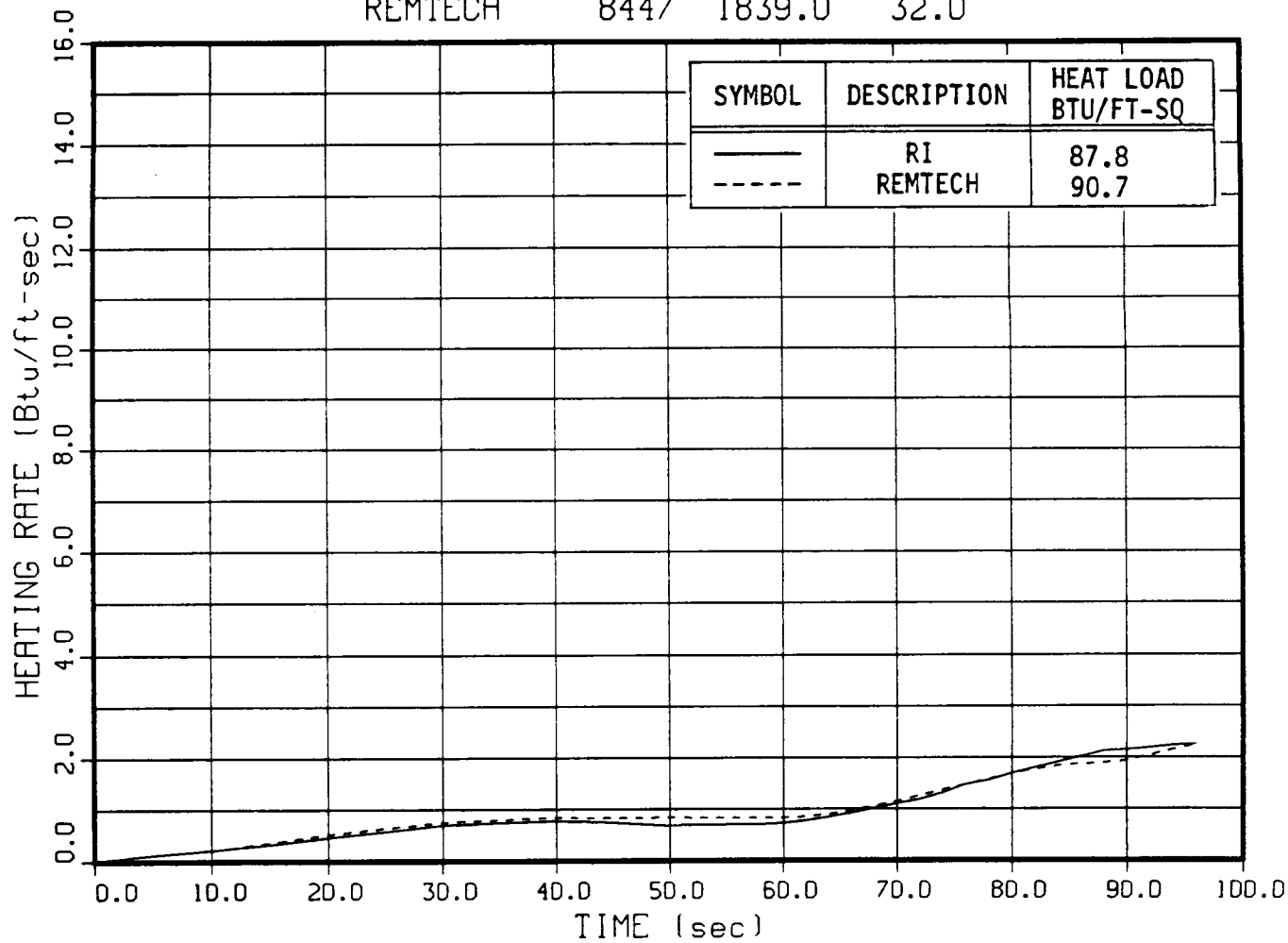
ZONE 6 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 6403 1778.0 0.0
 REMTECH 7683 1785.0 0.0



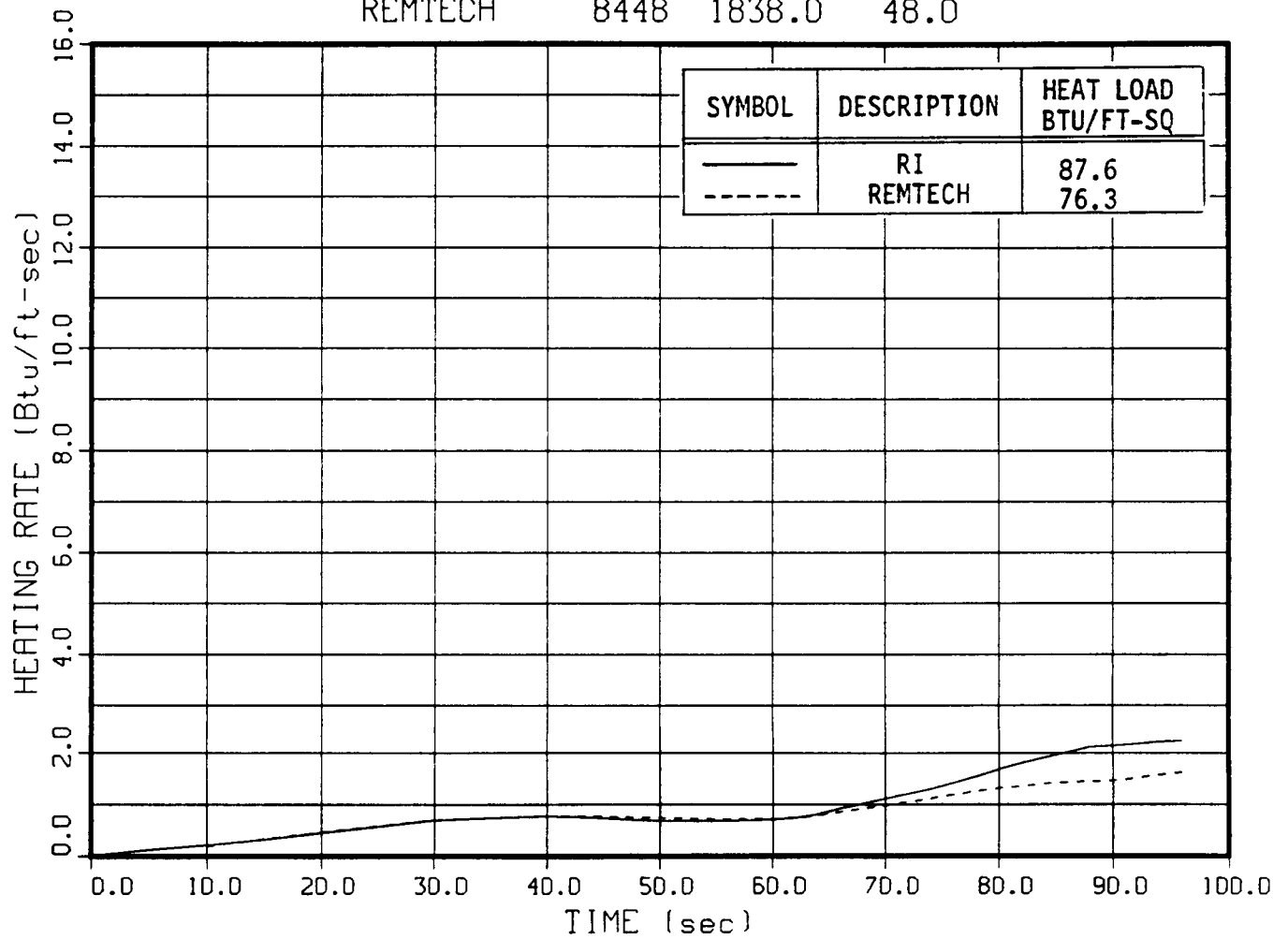
ZONE 6 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 6453 1778.0 180.0
 REMTECH 7684 1875.0 180.0



ZONE 6 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 1957 1837.0 30.0
 REMTECH 8447 1839.0 32.0

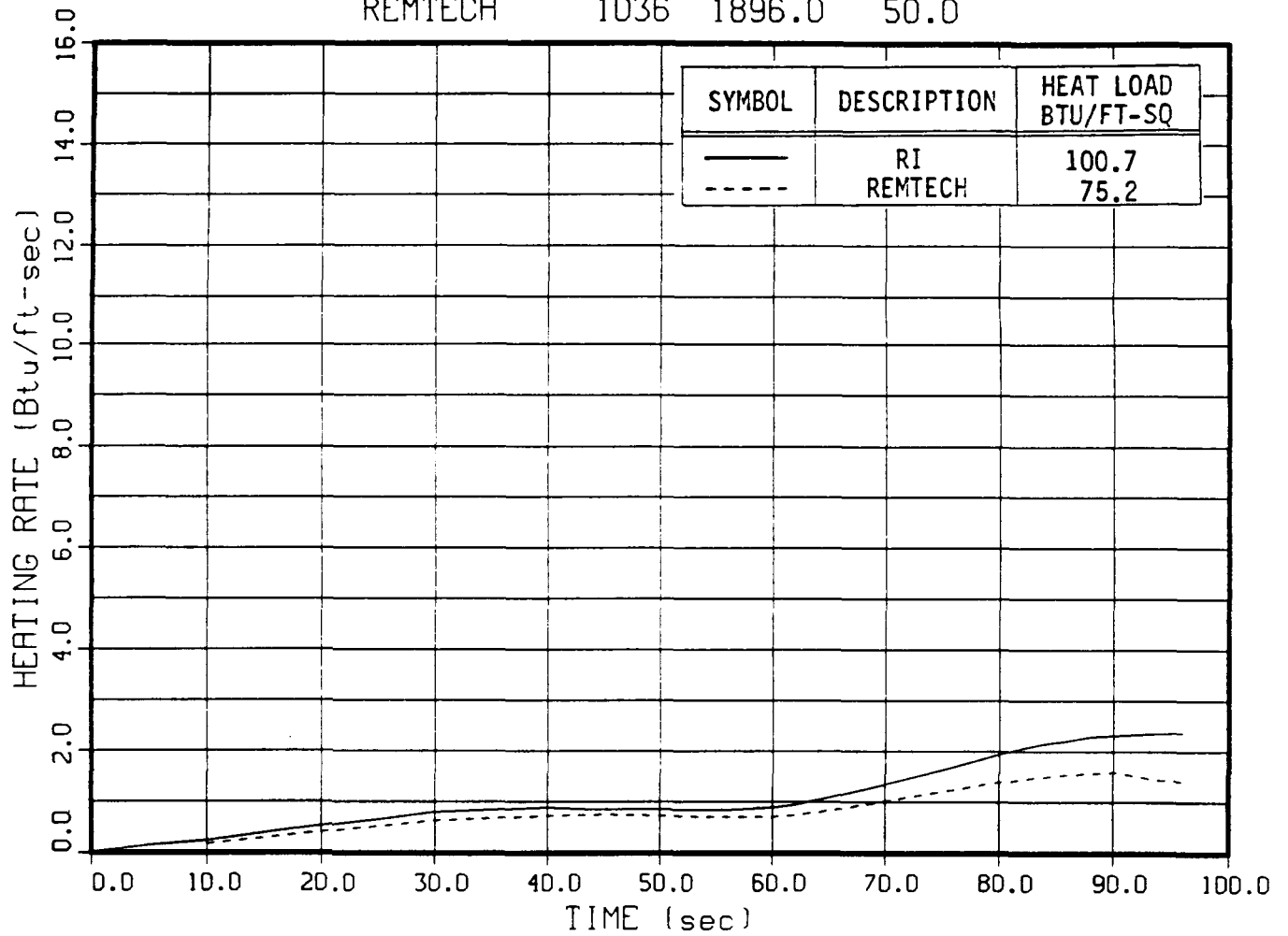


ZONE 6 - MOTOR CASING
 SOURCE B P # X θ
 ROCKWELL 1951 1837.0 45.0
 REMTECH 8448 1838.0 48.0



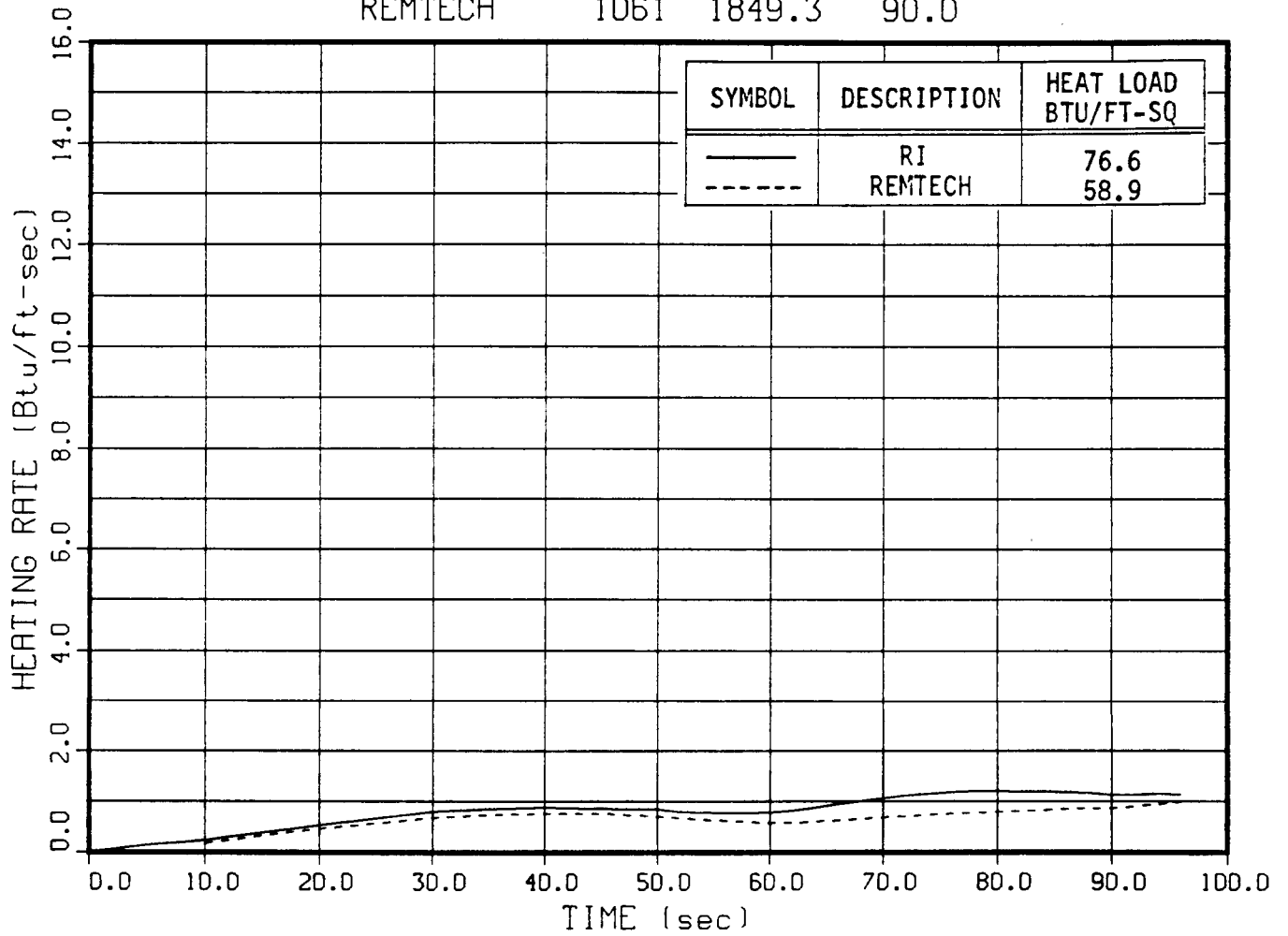
ZONE 7 - AFT SKIRT

SOURCE	B P #	X	θ
ROCKWELL	2116	1896.0	45.0
REMTECH	1036	1896.0	50.0



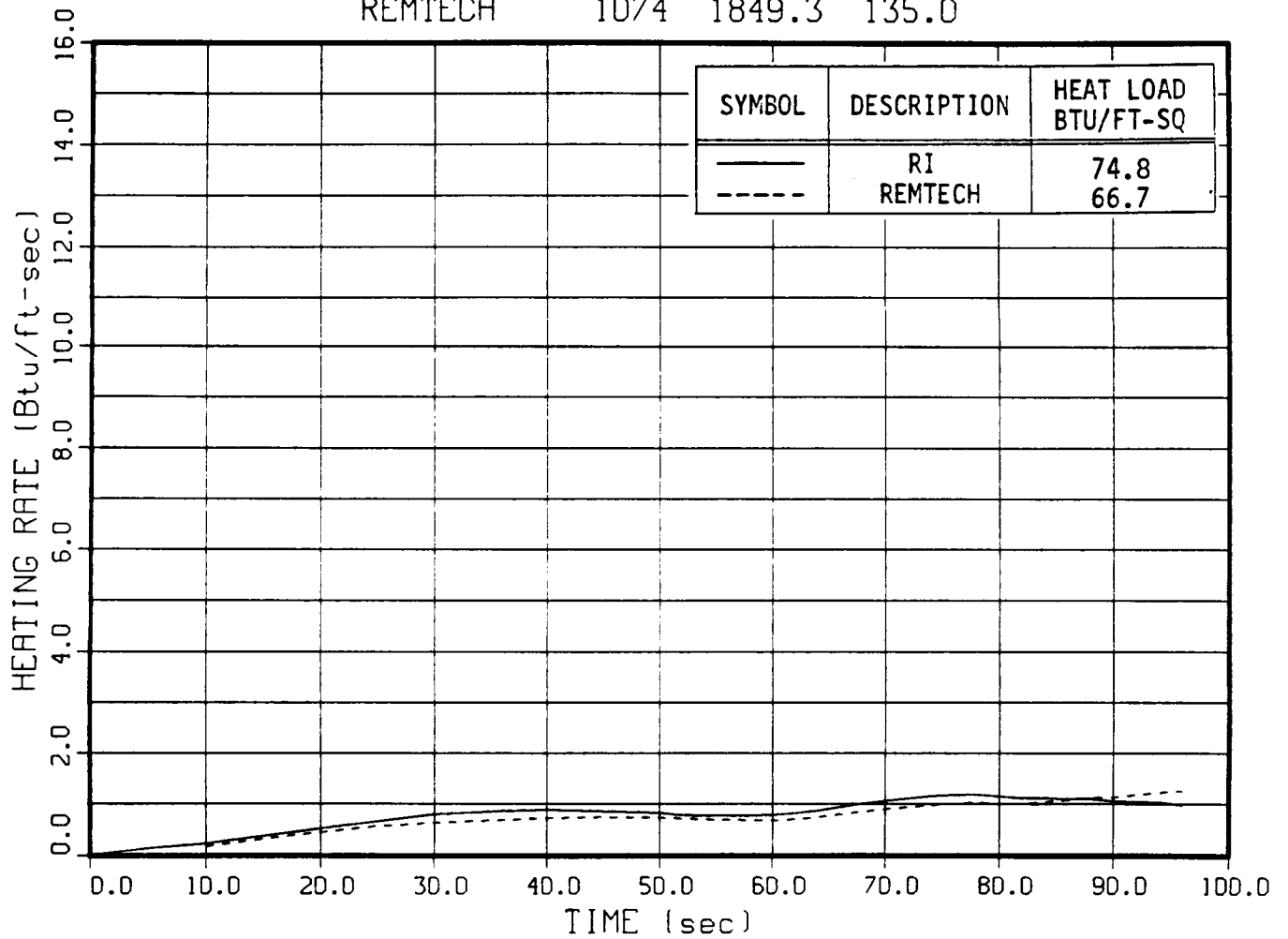
ZONE 7 - AFT SKIRT

SOURCE	B P #	X	θ
ROCKWELL	2131	1842.0	90.0
REMTECH	1061	1849.3	90.0



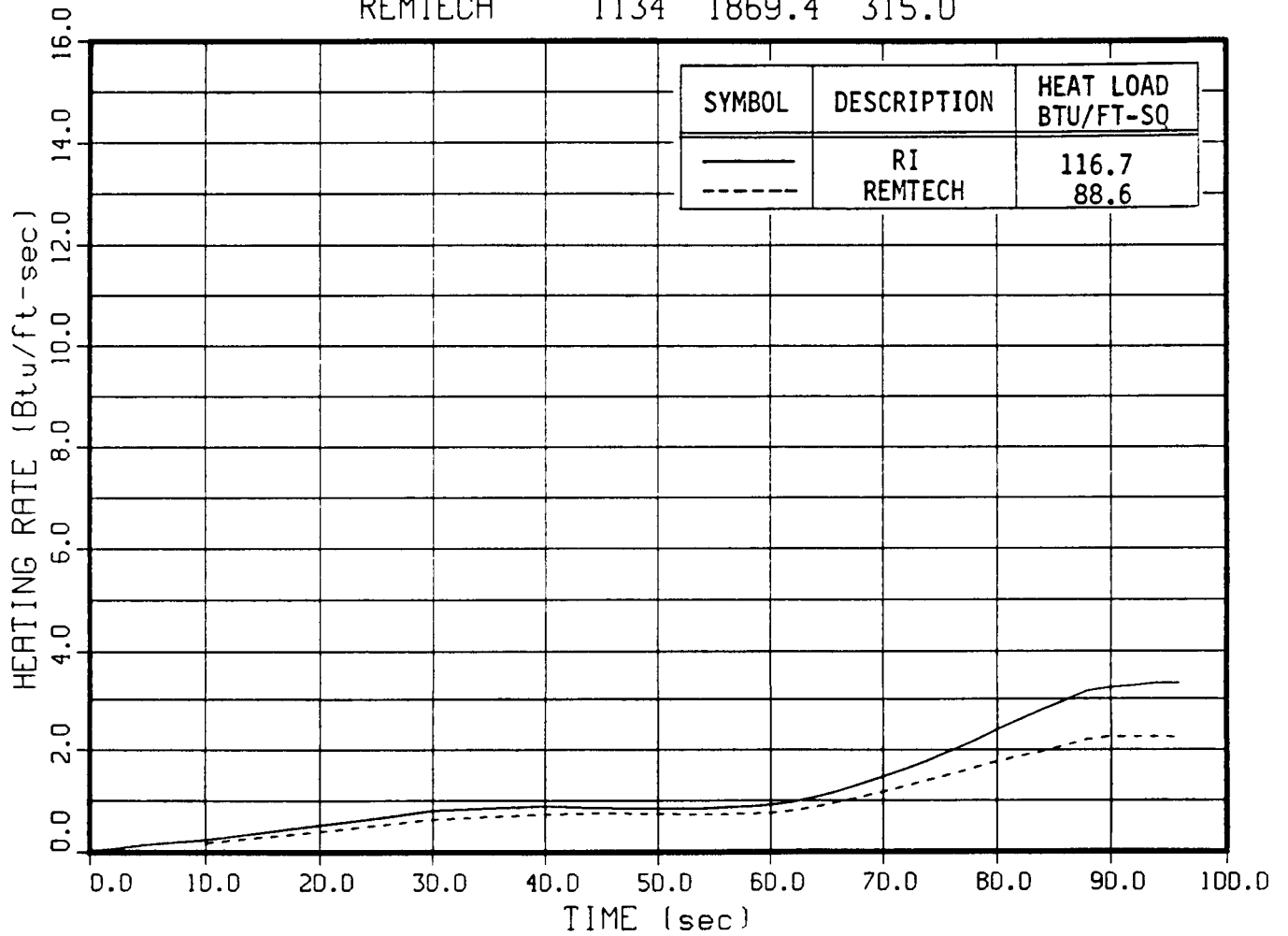
ZONE 7 - AFT SKIRT

SOURCE	B P #	X	θ
ROCKWELL	2141	1842.0	135.0
REMTECH	1074	1849.3	135.0



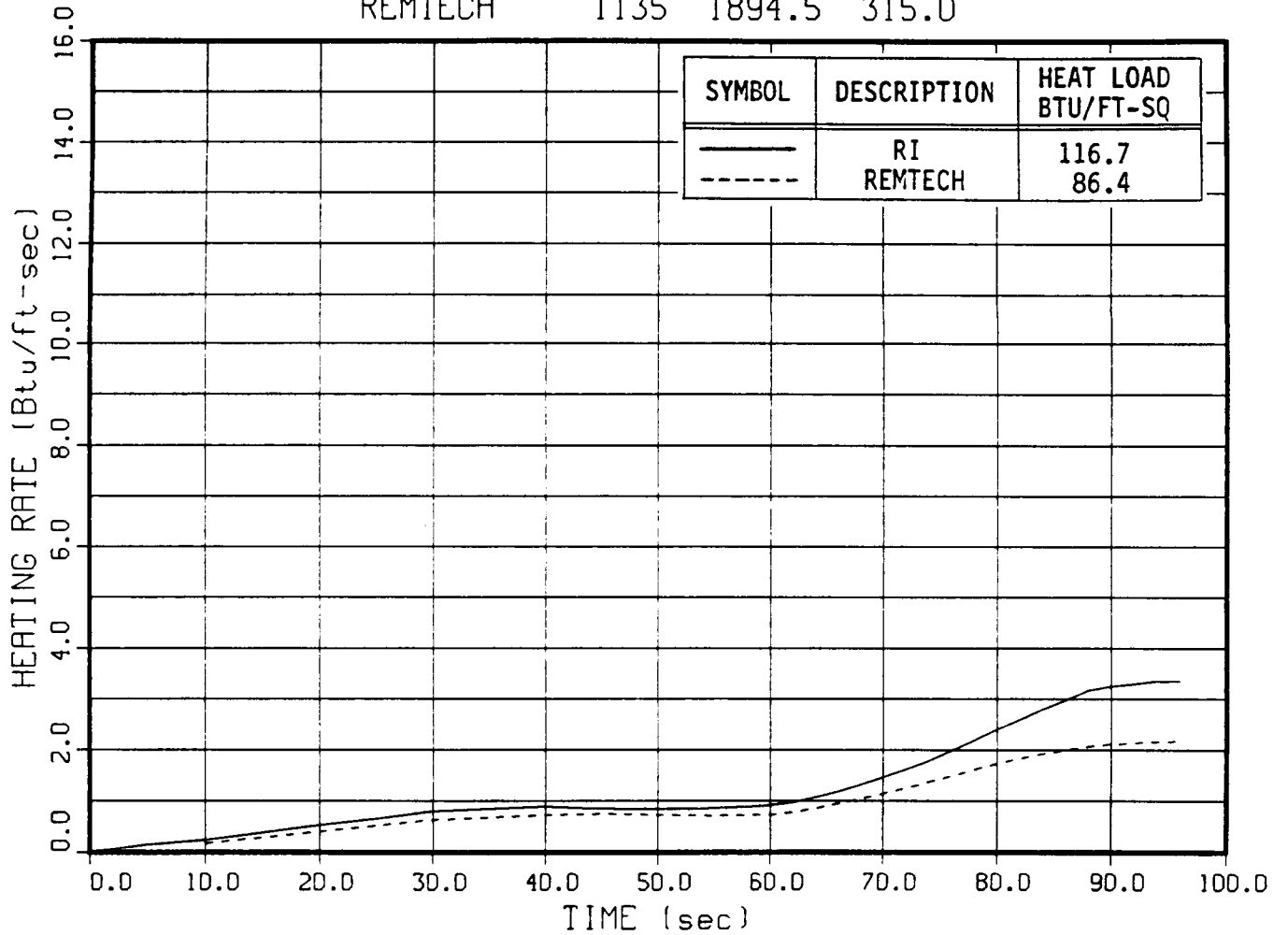
ZONE 7 - AFT SKIRT

SOURCE	B P #	X _B	θ _B
ROCKWELL	10414	1888.0	315.0
REMTECH	1134	1869.4	315.0

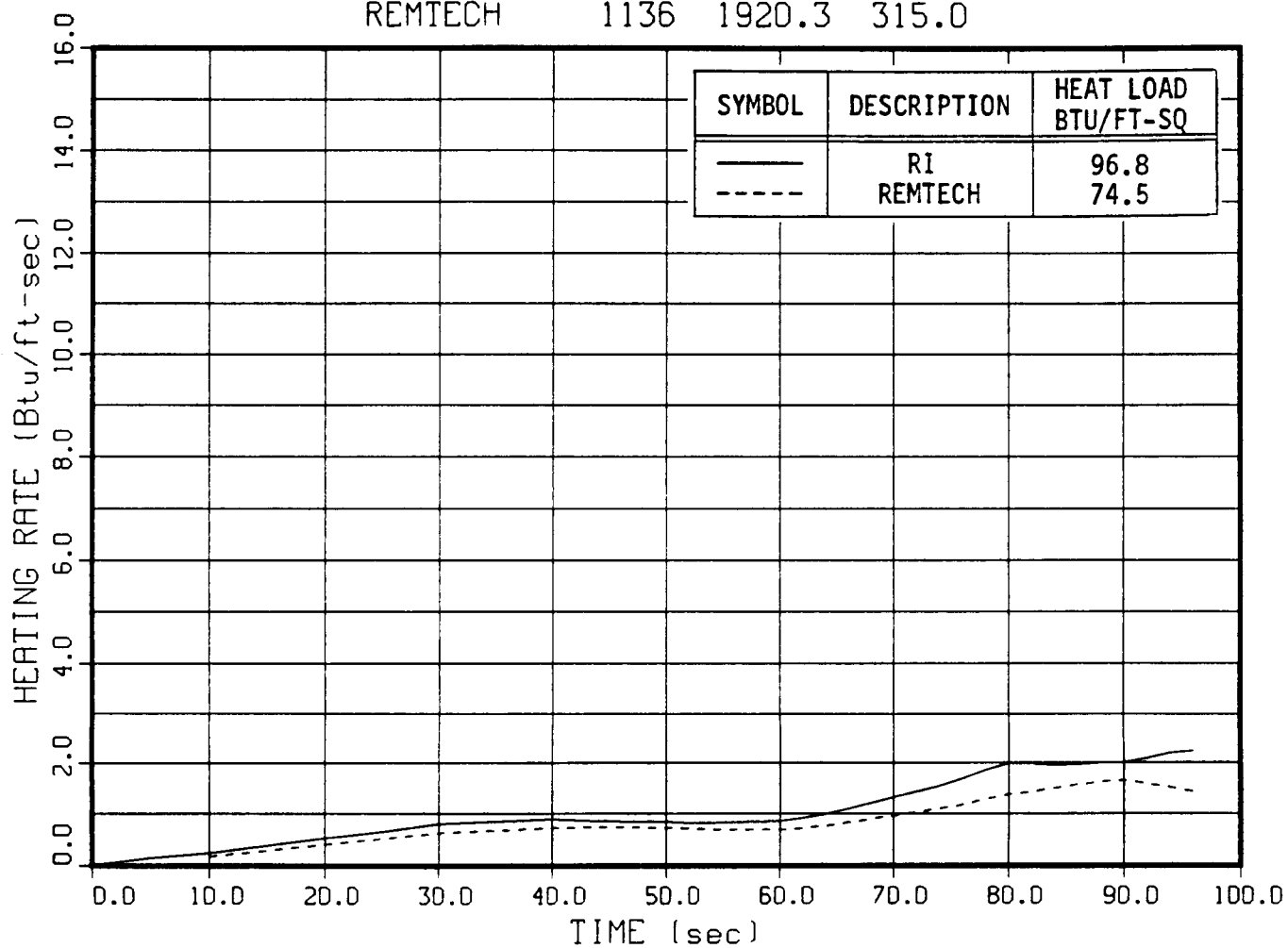


ZONE 7 - AFT SKIRT

SOURCE	B P #	X _B	θ _B
ROCKWELL	10414	1888.0	315.0
REMTECH	1135	1894.5	315.0

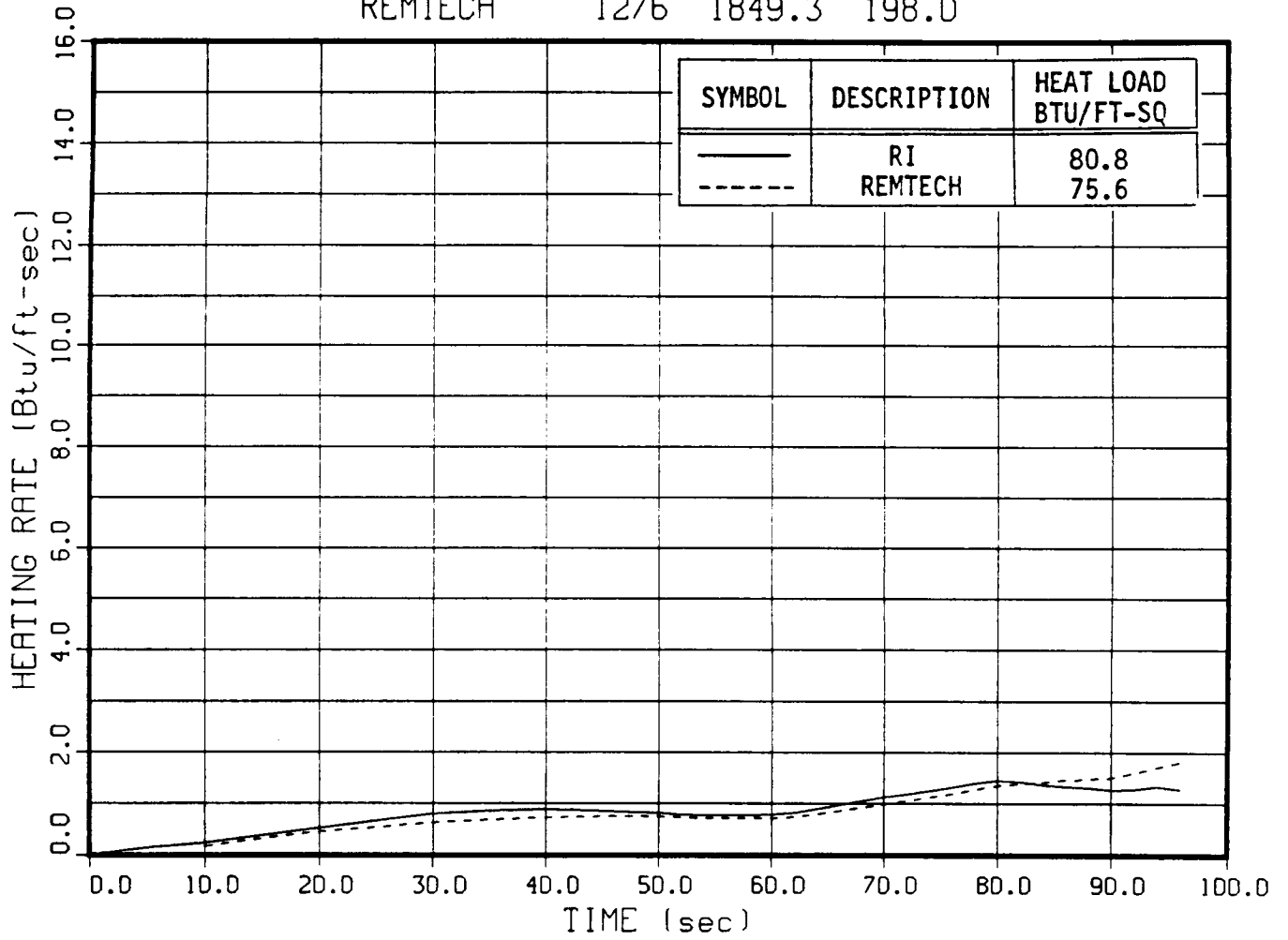


ZONE 7 - AFT SKIRT
 SOURCE B P # X θ
 ROCKWELL 2199 1931.0 315.0
 REMTECH 1136 1920.3 315.0

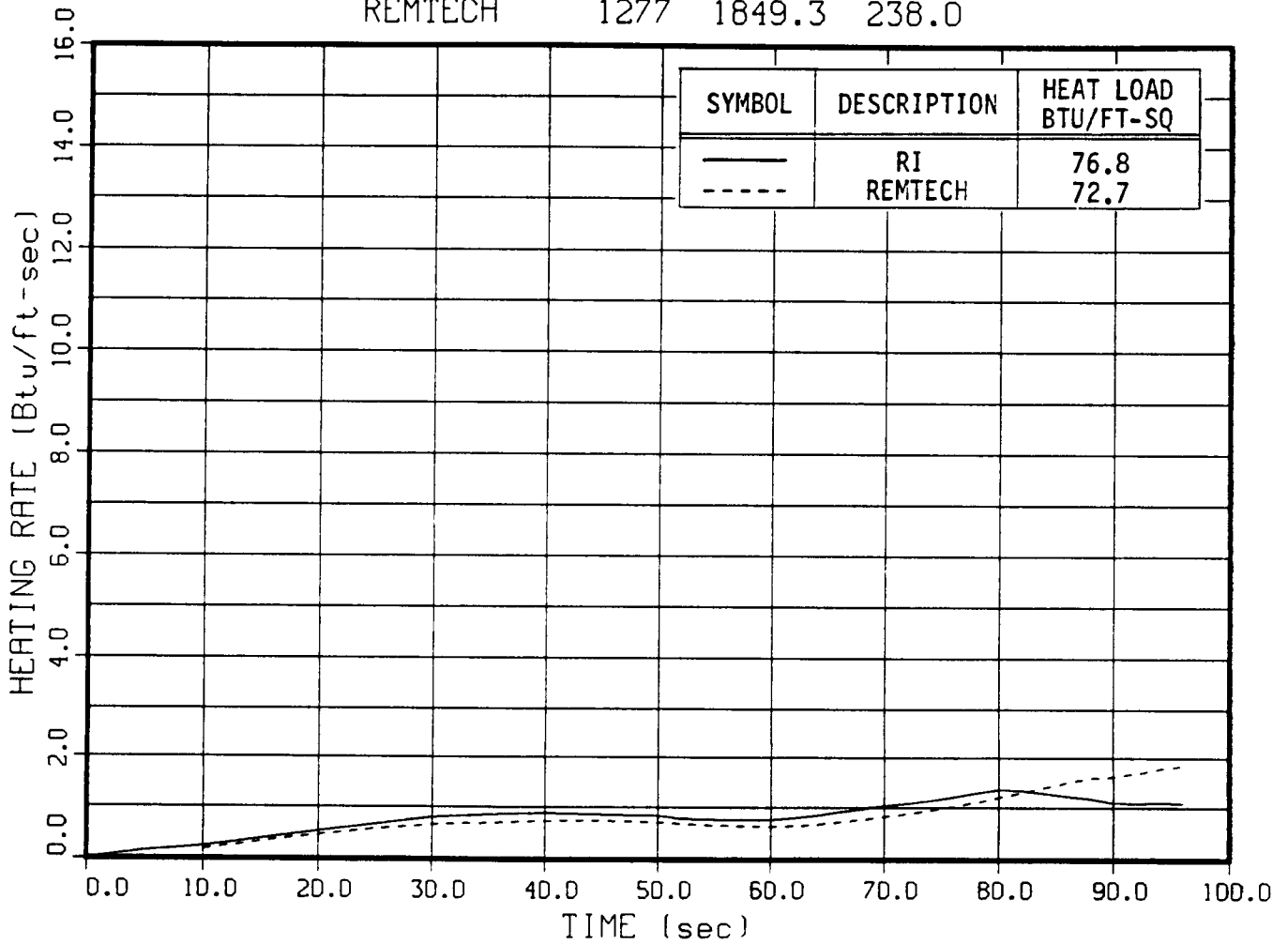


ZONE 7 - AFT SKIRT

SOURCE	B P #	X	θ
ROCKWELL	2231	1842.0	210.0
REMTECH	1276	1849.3	198.0

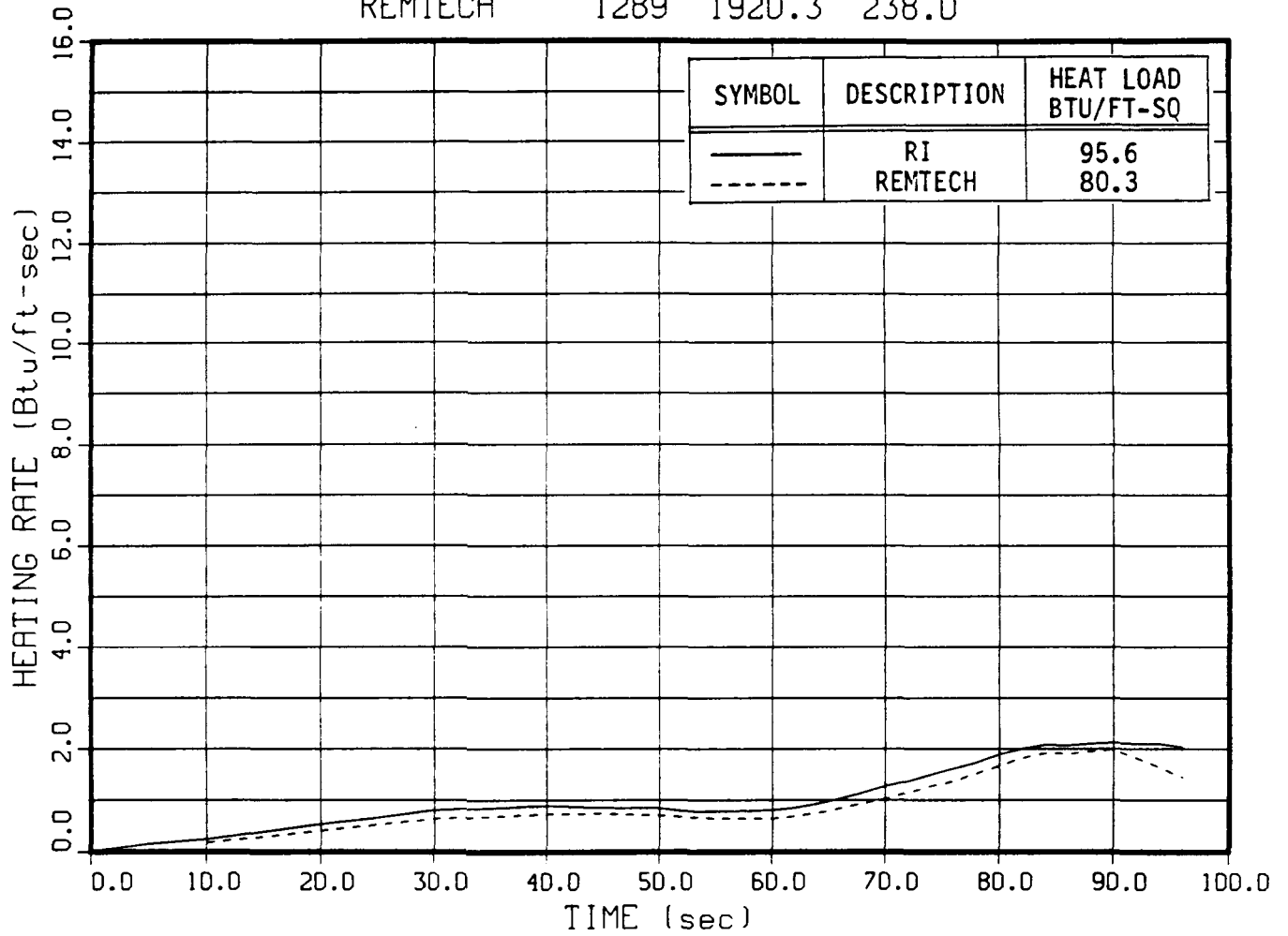


ZONE 7 - AFT SKIRT
 SOURCE B P # X θ
 ROCKWELL 10152 1841.0 238.0
 REMTECH 1277 1849.3 238.0



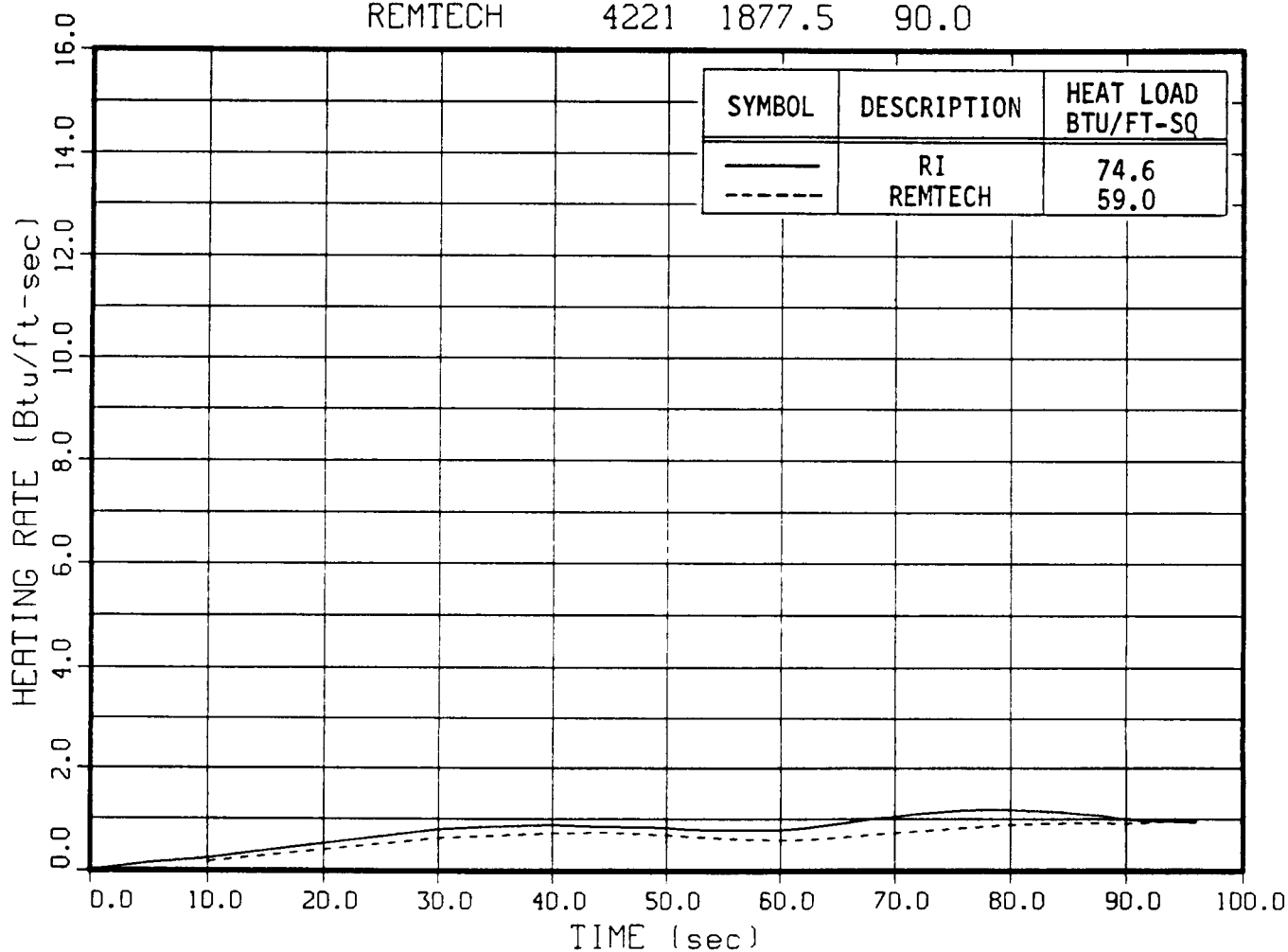
ZONE 7 - AFT SKIRT

SOURCE	B P #	X _B	θ _B
ROCKWELL	10160	1888.0	250.0
REMTECH	1289	1920.3	238.0



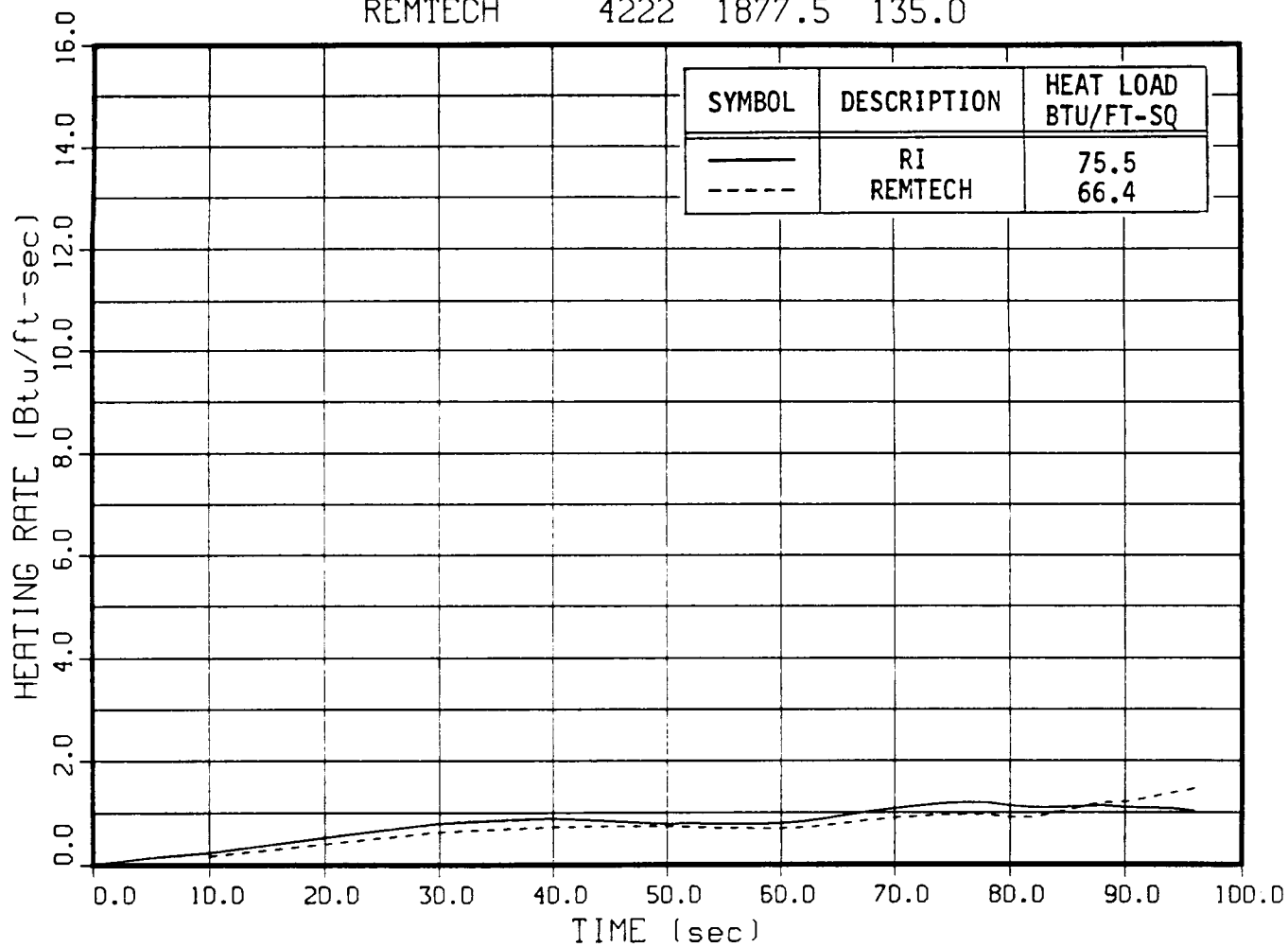
ZONE 7 - AFT SKIRT

SOURCE	B P #	X _B	θ _B
ROCKWELL	2133	1861.0	90.0
REMTECH	4221	1877.5	90.0



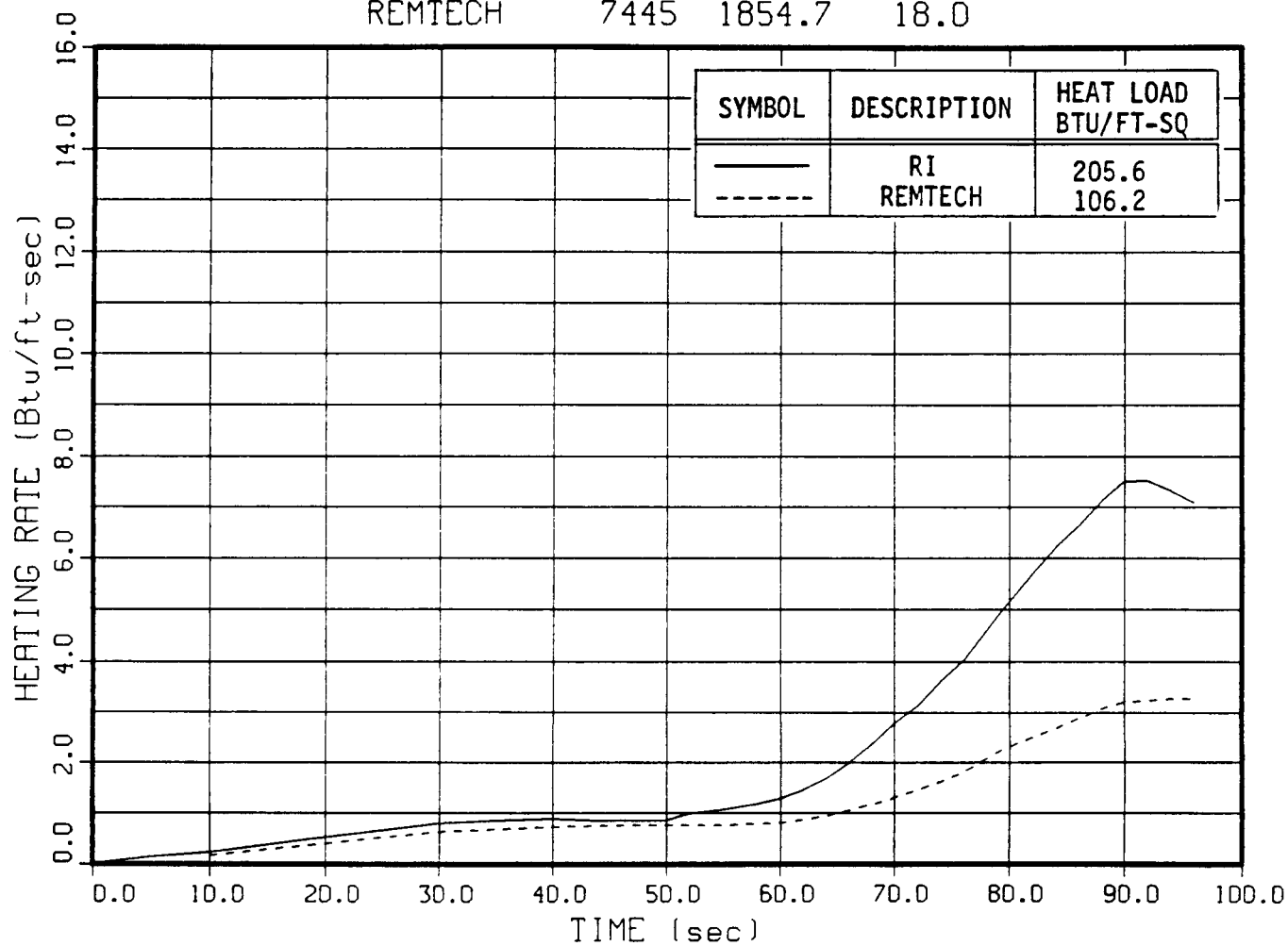
ZONE 7 - AFT SKIRT

SOURCE	B P #	X	θ
ROCKWELL	2143	1861.0	135.0
REMTECH	4222	1877.5	135.0



ZONE 7 - AFT SKIRT

SOURCE	B P #	X	θ
ROCKWELL	10314	1853.0	16.0
REMTECH	7445	1854.7	18.0

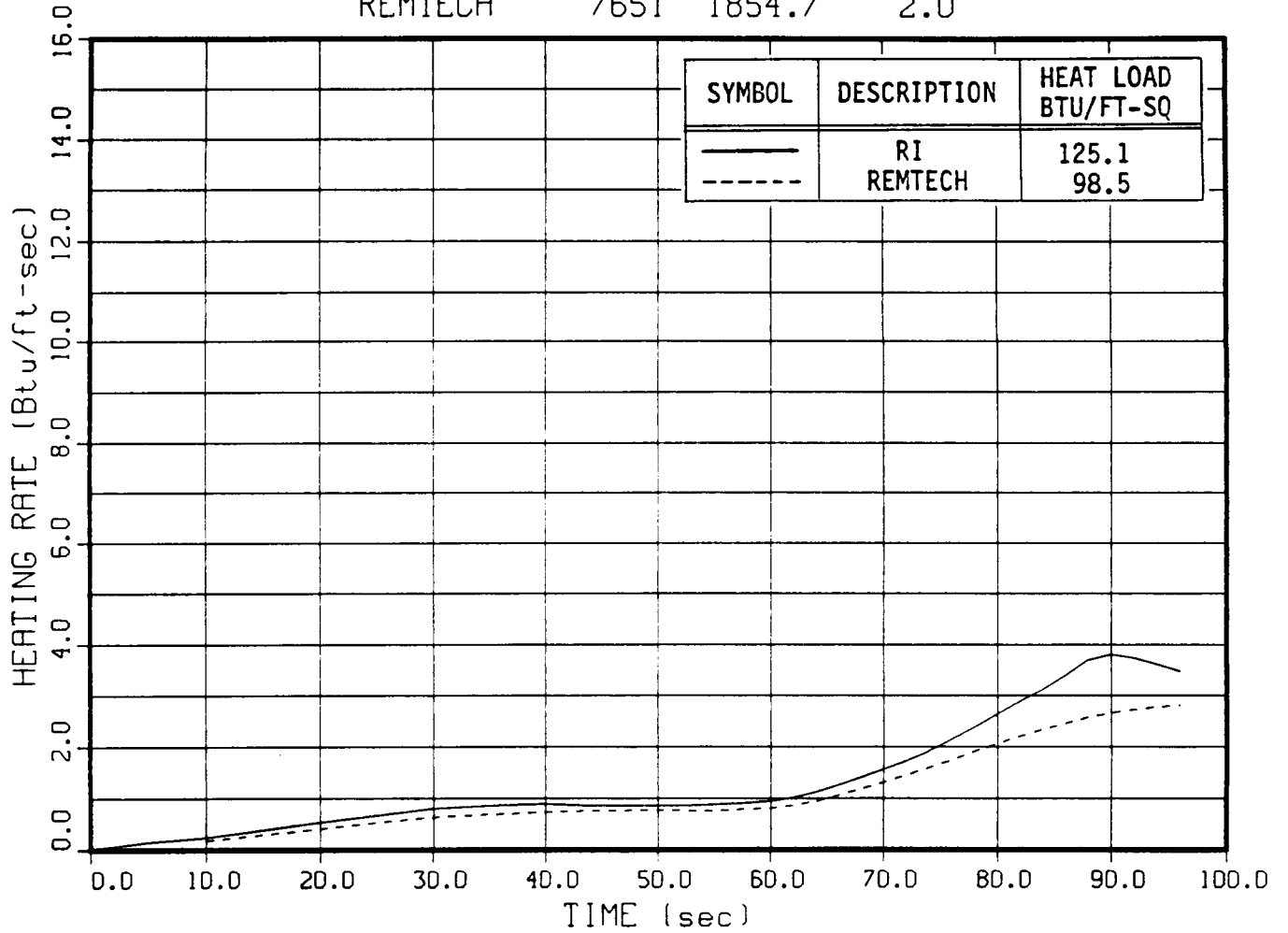


Comment

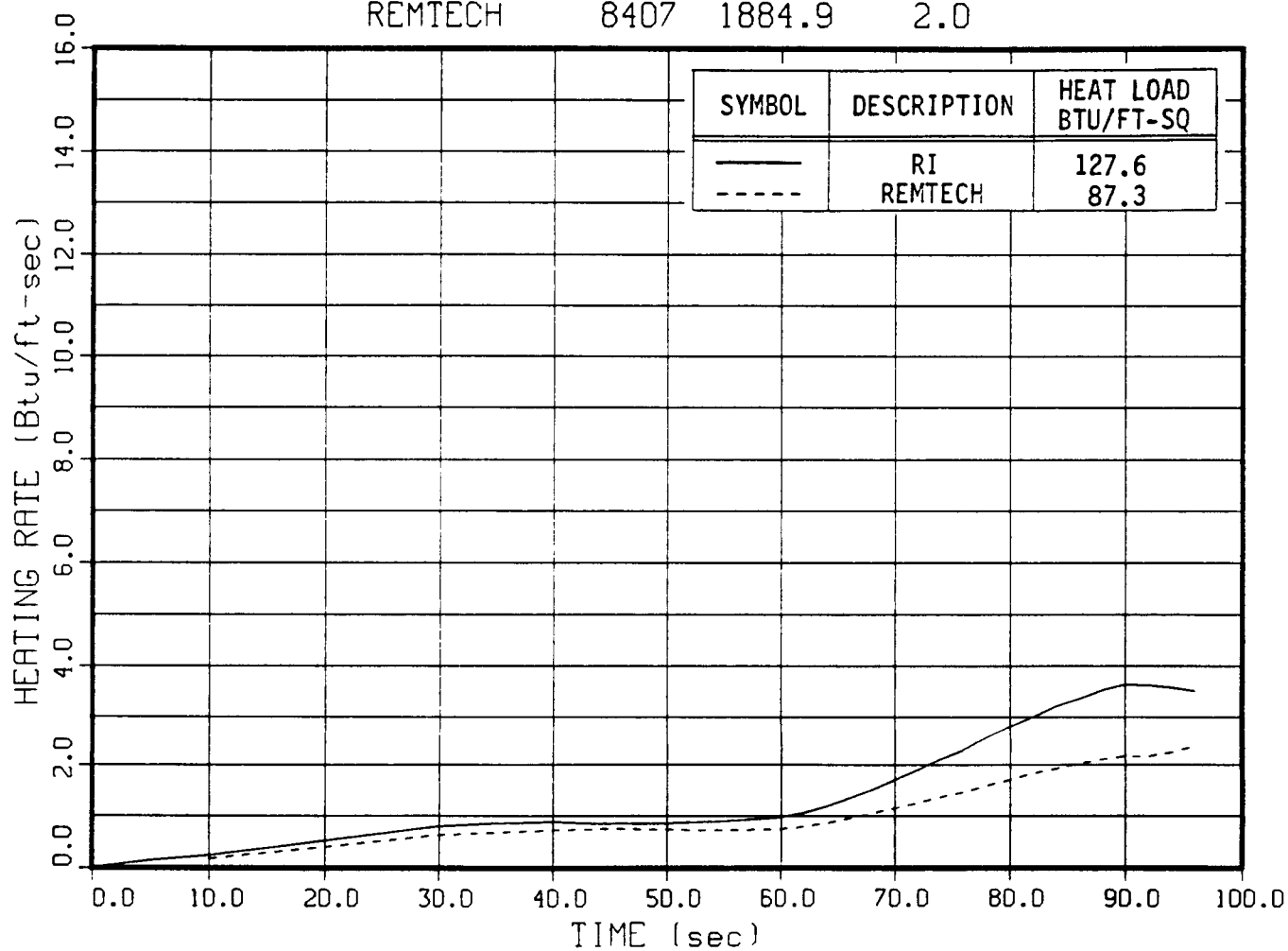
- Agreement acceptable - Design driver is plume and reentry heating

ZONE 7 - AFT SKIRT

SOURCE	B P #	X	θ
ROCKWELL	10302	1852.0	0.0
REMTECH	7651	1854.7	2.0

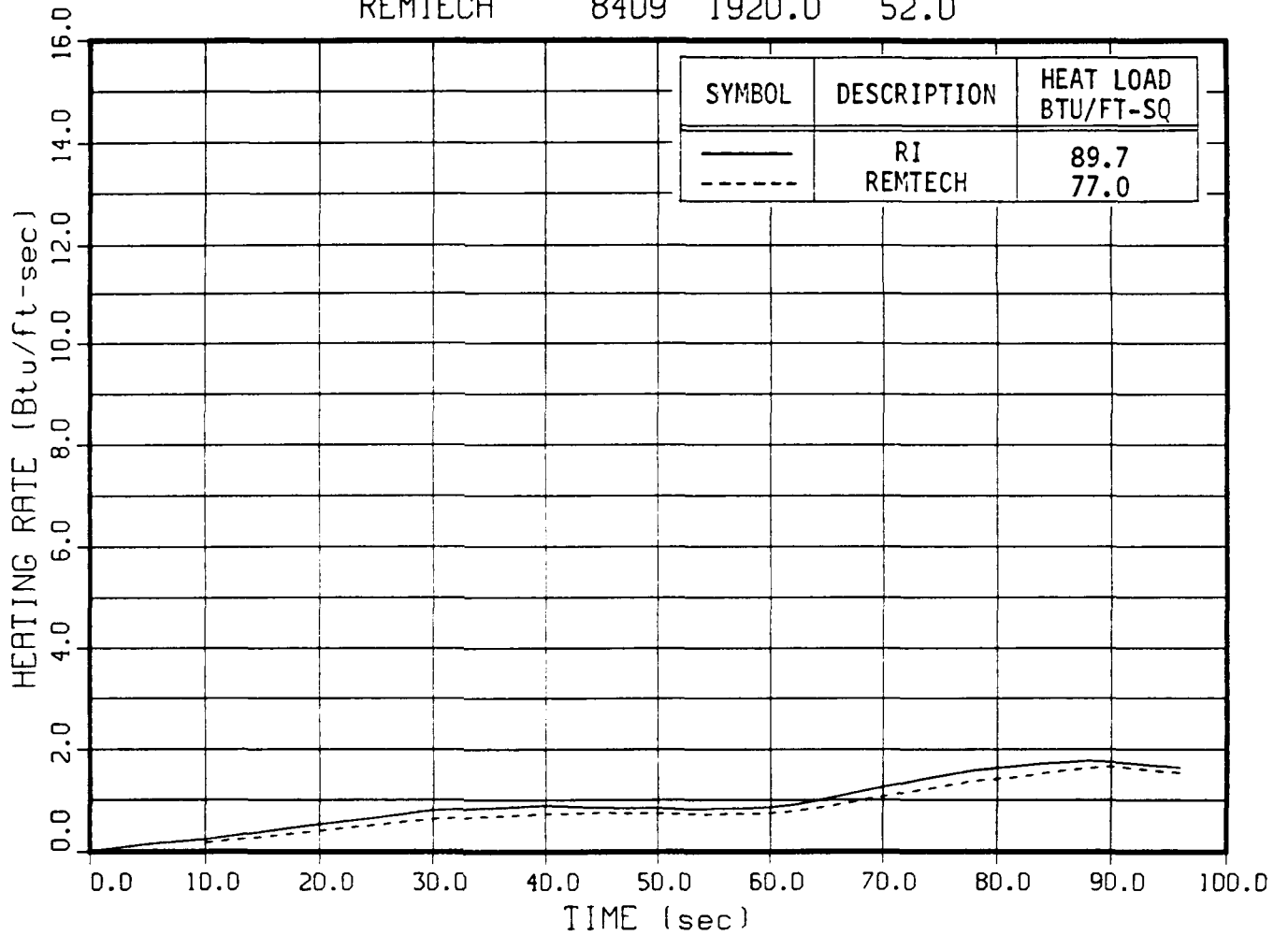


ZONE 7 - AFT SKIRT
 SOURCE B P # X θ
 ROCKWELL 10313 1859.0 3.0
 REMTECH 8407 1884.9 2.0



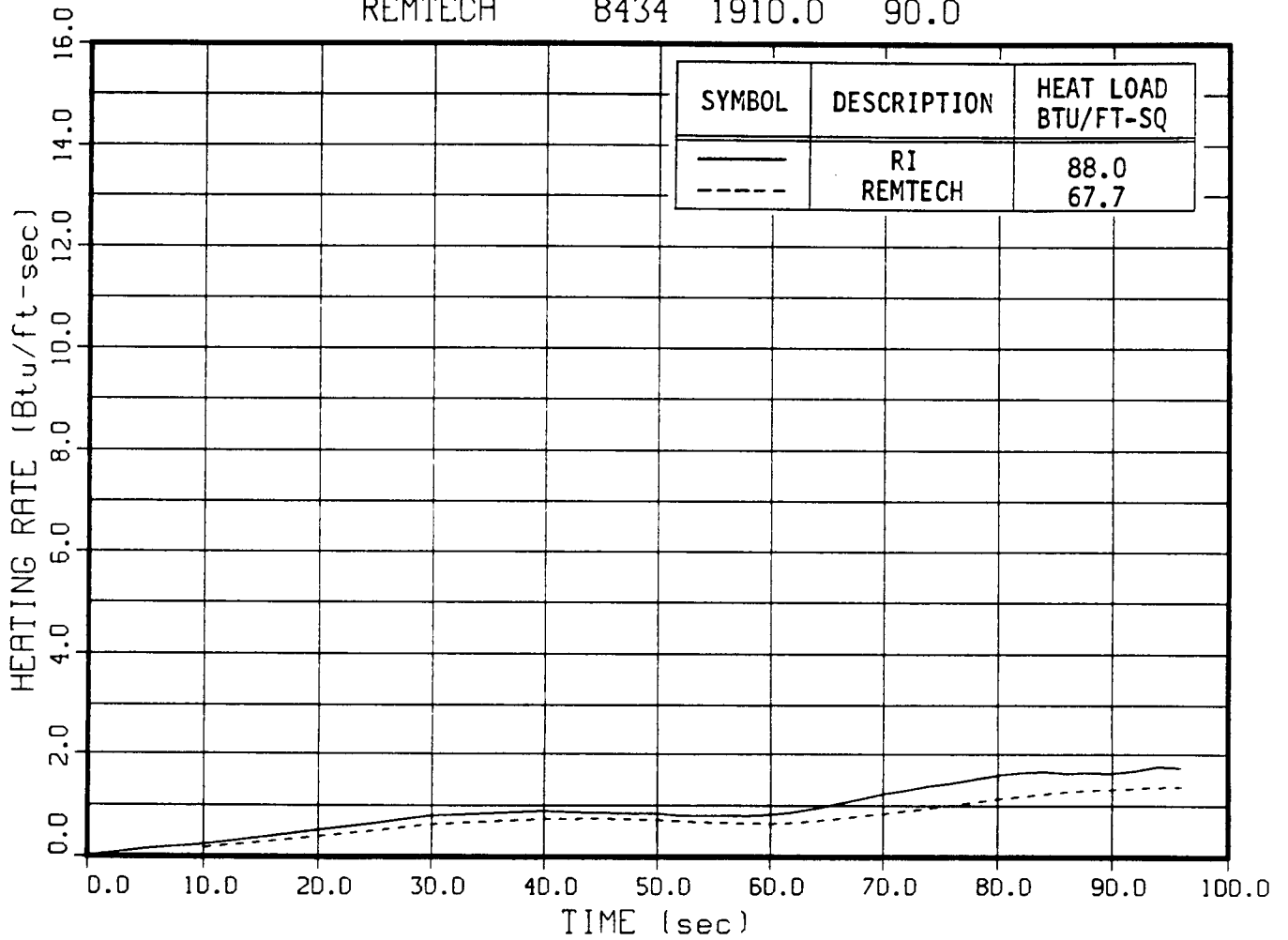
ZONE 7 - AFT SKIRT

SOURCE	B P #	X	θ
ROCKWELL	2126	1896.0	60.0
REMTECH	8409	1920.0	52.0



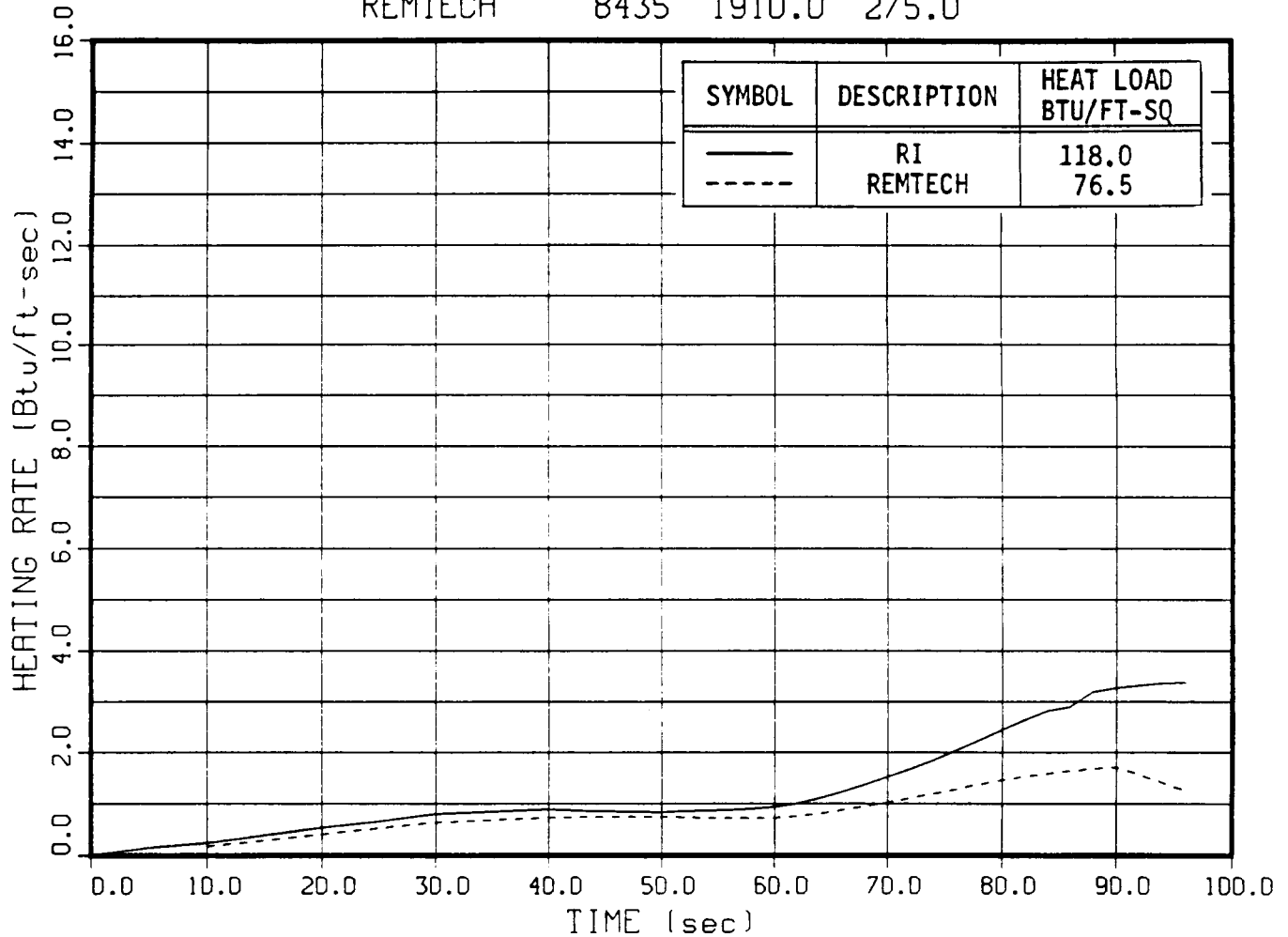
ZONE 7 - AFT SKIRT

SOURCE	B P #	X	θ
ROCKWELL	2136	1896.0	90.0
REMTECH	8434	1910.0	90.0



ZONE 7 - AFT SKIRT

SOURCE	B P #	X _B	θ _B
ROCKWELL	10209	1899.0	281.0
REMTECH	8435	1910.0	275.0

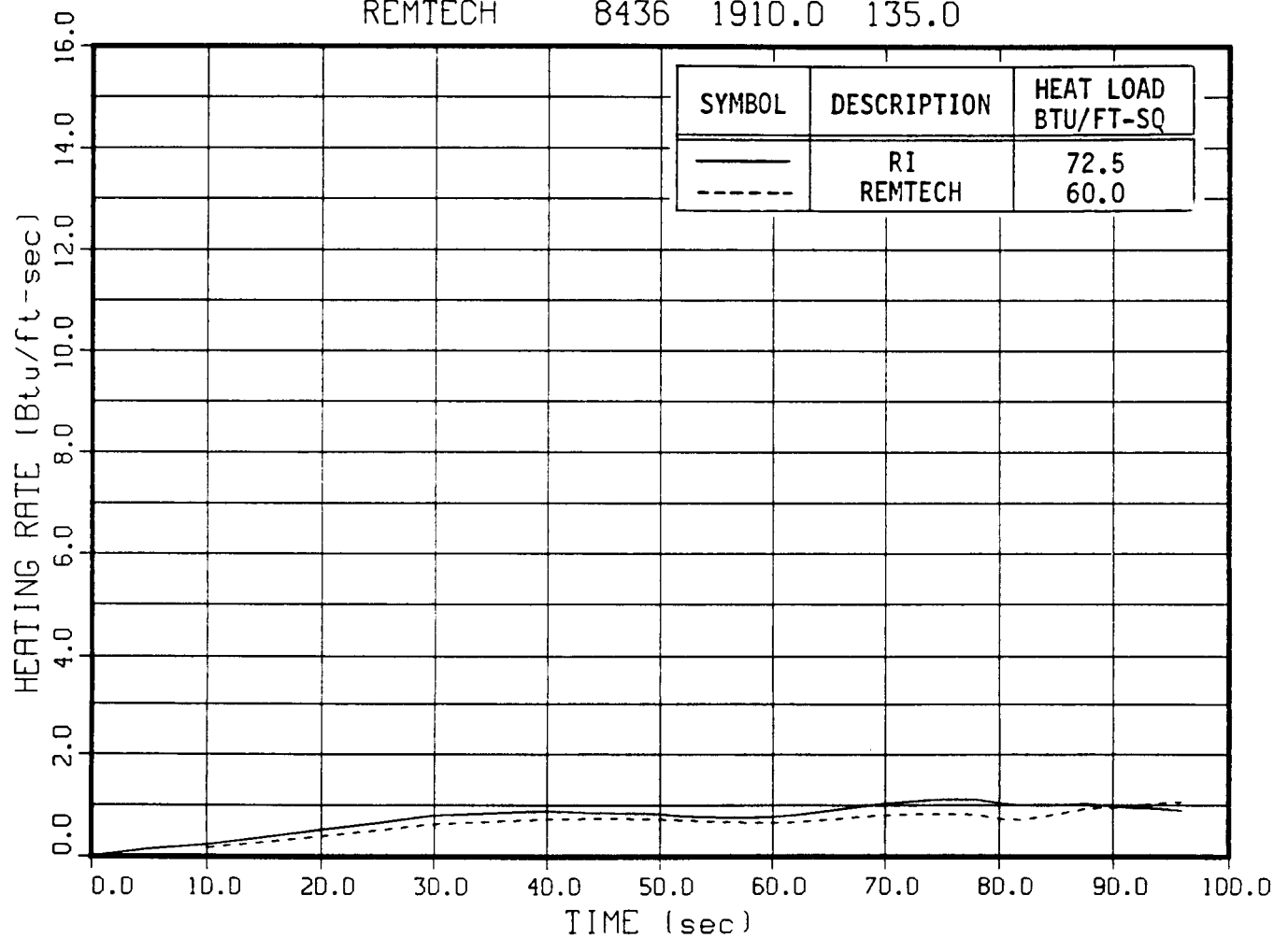


Comment

- Agreement acceptable - Design driver is plume and reentry heating

ZONE 7 - AFT SKIRT

SOURCE	B P #	X	θ
ROCKWELL	2146	1896.0	135.0
REMTECH	8436	1910.0	135.0



ZONE 7 - AFT SKIRT

SOURCE	B P #	X _B	θ _B
ROCKWELL	2156	1896.0	180.0
REMTECH	8443	1910.0	178.0

